## Role of Medohara and Rasayana Drugs in the Management of Sandhigatavata

## C.U. Khunt\*, Charmi Mehta\*\*, Gurdip Sinh\*\*\*, M.S. Baghel\*\*\*

#### Abstract

The disease Sandhigatavata is first described by Acharya Charaka in the name of Sandhigataanila with the symptoms of Shotha which on palpation feels as bag filled with air and Shula on prasarana and Akunchana(on flexion and extension). The disease can be compared in modern paralance with oesteoarthritis, a degenrative joint disease, the symptoms of which are same as Sandhigatavata and usually occurs after the age of 40 years. In the present study total 42 patients with classical signs and symptoms of sandhigatavata were screened from the O.P.D and I.P.D of Kayachikitsa department, IPGT &RA Hospital, Jamnagar, out of which 6 patients left did not enrolled for the study, remaining 36 patients were divided into 3 groups-

- 1. Group -R- Only Rasnadi Guggulu dose- 4 pills three times a day (one pill approx 250 mg) (n=12)
- 2. Group -GR-Guduchyadi Kashaya(dose-20 gms twice a day) along with Rasnadi Guggulu (n=12)
- 3. Group-BR-Bala churna (3 gram three times a day) along with Rasnadi Guggulu (n=12)

#### Anupana - Warm water

The duration of treatment for all the three groups was 8 weeks. It was concluded that "GR" therapy group shows 74.15% effect on total cardinal signs and symptoms, whereas "BR" and "R" therapy provided 71.60% and 64.11% improvement respectively on total cardinal signs and symptoms of Sandhigatavata.

Keywords: Sandhivata; Oesteoarthritis; Rasnadi Guggulu; Guduchyadi kashaya; Bala churna.

### Introduction

The disease Sandhigatavata was first described by Acharya Charka as " Sandhigataanila" with the symptoms of shotha which feels as bag filled with air and shula on prasarana and akunchana.[1] The symptoms mentioned by Acharya Sushruta are shula and shotha leading to diminution of the movement at the joint invovled.[2] Oesteoarthitis is one of the most common form of arthritis which runs chronic, slowly

E-mail: drcharmij@yahoo.in

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progressive course and usually affects almost all weight bearing joints. It is clinically characterized by pain, stiffness and sometimes swelling of the joints. Symptoms of Sandhigatavata are vatapurnadrutishopha, & akunchana prasarana janya vedana described by acharya vagbhatta.[3] According to WHO, osteoarthritis is the second commonest musculoskeletal. Problem in the world population (30%) after backpain (50%).[4] Osteoarthritis is the commonest joint condition.[5] Acharya Charaka has mentioned repeated use of Snehana, Swedana, Vasti and mrudu virechana for the treatment of Vatavyadhi.[6] Osteoarthritis is found more in weight bearing joints i.e Knee joint and obese people are prone to oesteoarthritis. Hence in the present study guduchyadi kwath and Rasnadi gugglu was selected due to its medohara and vedanahara properties. Also, the disease is seen in old age and rasyana is described as a part of treatment of Sandhigata vata, hence Bala churna was given in one

Author's Affiliation: \*Deputy Superintendent, \*\*Resident Medical Officer, Shree Gulabkunverba Ayurved Chikitsalaya, Gujarat Ayurved University, Jamnagar,\*\*\*Ex-Dean and HOD, Dept of Kayachikitsa, IPGT & RA, \*\*\*\*Director, IPGT & RA, Gujarat Ayurved University, Jamnagar, Gujarat, India.

**Reprint's Request: Charmi Mehta,** Resident Medical Officer, Shree Gulabkunverba Ayurved Chikitsalaya, Gujarat Ayurved University, Jamnagar, Gujarat, India.

group of patients .Addition of medohara and rasyana drugs is though not described directly as line of treatment of sandhigatavata but rasayana therapy is described in the treatment of vatavyadhies specially chronic in nature. Also medohara drugs are indicated in the management of avritta vata. Hence in the present study both meodhara and rasayana drugs were used for management.

#### Aims and Objectives

- 1. To study the efficacy of Medohara drug Guduchyadi kwath in the manamgement of sandhigatavata.
- 2. To assess the role of Rasyana drug Balachurna in the manamgement of Sandhigatavata.

#### Matierlas and Methods

Patients with below mentioned symptoms of sandhigatavata of age group 30-70 years were selected from the O.P.D and I.P.D of Kayachikitsa department of I.P.G.T &R.A hospital, Jamnagar.

#### Statistical Analysis

To analysis the effect of therapy statistically, Mean, Percentage, S.D., S.E., t and P values were calculated by using paired 't' test.

#### Inclusion Criteria

- 1. Sandhishula (Pain in joints)
- 2. Sandhishotha (Swelling in joints)
- 3. Sandhigraha (Stambha) (Stiffness in joints)
- 4. AkunchanaPrasaranayohVedana( Pain during flexion and extension of joints)
- 5. SparshaAsahyata (Tenderness)
- 6. Sandhisphutana( Crepitus)

#### Exclusion Criteria

- 1. Patients with other joint diseases such as rheumatoid arthritis, gouty arthritis, joint pain due to other systemic disorders were excluded.
- 2. Patients of known case of hypertension, diabetes mellitus, cardiac diseases etc were excluded from the study.

#### Diagnostic Criteria

1. Patients having the signs and symptoms of Sandhigatavata as described in Ayurvedic texts were selected for the clinical trial.

Treatment of all the patients was assessed in the basis of assessment criteria made for the study.

*Treatment Groups:* In the present study 42 patients were screened out of which 6 patients did not enrolled for the study due to personal reasons. Remaining 36 patients of Sandhigatavata were divided randomly into 3 groups as follows:

- Control Group-R: Only Rasnadi Guggulu

   dose- 4 pills three times a day (one pill approx 250 mg) (n=12)
- II. Medohara Group-GR: Guduchyadi Kashaya(dose- 20 gms twice a day) along with Rasnadi Guggulu (n=12)
- III. Rasayana Group-BR: Bala churna (3 gram three times a day) along with Rasnadi Guggulu (n=12)

#### Anupana-Warm Water

The duration of treatment for all the three groups was 8 weeks. no other concomitant medications were allowed with the study participation.

#### Ingredients of Drugs

I. Rasnadi guggulu – was prepared based on Yogaratnakar (Vatavyadhi nidanam-1) with some changes for obtaining better result which are as follows:

Sr no	Ingredients	Parts
1	Rasna	1
2	Devdaru	1
3	Eranda	1
4	Shunthi	1
5	Guduchi	1
6	Shuddha guggulu	5

II. Guduchyadi kashaya-was prepared based on Charaka Samhita[7] (Ch.Su.21/23) with some changes for obtaining better results in treatment of obese patients of sandhigatavata which are as follows:

Sr no	Ingredients	Parts
1	Guduchi	1/2
2	Mustaka	1
3	Vidanga	1
4	Haritaki	1
5	Bibhitaki	1
6	Amalaki	1

III. For Rasyana purpose only Bala Churna was used. Dose- 3gm three times a day.

#### Criteria for Total Effect of Therapy

- a. Complete remission 100% relief in all signs and symptoms along with normal range at joint movement.
- b. Markedly improved- More than 75% average relief in signs and symptoms.
- c. Improved less than 75% average relief in signs and symptoms.
- d. Unchanged No change in signs and

symptoms.

e. Deterioration - Increase in sign and symptoms or appearance of new symptoms during the treatment .

The effect of treatment on different signs and symptoms were analysed statistically and mean S.D, S.E, and 't' value was calculaterd as per paired t test.

#### Observations

Different observations regarding the patients enrolled in the study are as follows:

In the present study, it was found that maximum patients were from the age group of 50-60 years (41.67%), whereas 75% patients were female. In the study 47.22% patients were of Vata-Kaphaj type of prakriti. Maximum number of patients had chronicity less than 1 year (25%) followed by 1-2 years chronicity (22.22). Most of the patients were of weight group 50-60 kgs (30.56%) followed by 60-70 kgs (25%). Negative family history was found in maximum 83.33% patients.

Vishamashana was found in 14 patients (49.89%), Ruksha-sheeta anna was found in 13 patients (36.11%), atikatvadi rasa sevana were detected in 12 patients (38.99%). Atibhara sevana was found in 6 patients (16.60%) and vega samdharana was found in 6 patients (16.11%) patients. Also it was obsereved that maximum 23 patients (63.89%) patients had history of aggravation of vedana with exertion. Whereas 16.67% (n=6), 11.11% (n=4), 8.33% (n=6) of patients were having history of aggravation with no specific history, amla rasa sevana, sheeta ahara vihara sevana

Sr no	Criteria	No of patients in group		Total	Percentage	
		G.R	B.R	R		
1	Age(50-60 yrs)	4	7	4	15	41.67
2	Gender (female)	10	9	8	27	75
3	Prakriti (Vatakapha)	7	4	6	17	47.22
4	Chronicity (less than 1 yr)	3	3	3	9	25
5	Chronicity (2-3yrs)	2	4	2	8	22.22
6	Weight (50-60 kgs)	2	6	3	11	30.56
7	Weight (60-70 kgs)	4	1	4	9	25
8	Family history (Negative)	10	10	10	30	83.33

Investment of Leinte	No. o	f Patie	nts	Total 9 8 2 6	%	
Involvement of Joints	G.R	B.R	R	Total	/0	
Rt. Knee joint	3	2	4	9	25	
Lt. Knee joint	3	3	2	8	22.22	
Bilateral knee	1	0	1	2	5.56	
Bil knee with Hip	2	2	2	6	16.67	
Bil knee with shoulder	00	1	1	2	5.56	
Bil. Knee with elbow	1	1	1	3	8.33	
Bil .knee with ankle	0	2	0	2	5.56	
Bil. Knee with hip , shoulder and ankle	2	1	1	4	11.11	

Table 1: Involvement of Joints-wise Distribution of 36 Patients of Sandhigatavata

Table 2: Cardinal	Symptoms-wise	Distribution of 36	Patients of	Sandhigatavata

Candinal Commentance	No.	of Patier	nts	Total	%
Cardinal Symptoms	G.R(n)	B.R(n)	R.(n)	Total	/0
Pain	12	12	12	36	100
Swelling	8	7	7	22	61.11
Morning stiffness	9	7	7	23	63.88
Crepitus	9	8	8	25	69.44
Sa-vedana akunchana Prasarana pravritti	12	12	10	34	94.44
Tenderness	6	6	5	17	47.22
Shrama Asahyta	10	8	9	27	75
Sandhigati hani	6	5	4	15	41.67

respectively.

In the present study, involvement of right knee joint found in maximum number of patients i.e. 25% (Table 1). All the patients (100%) were having pain. Savedana akunchana prasarana pravritti was found in 97.44% patients whereas shramaasahyta was found in 75% patients (Table 2). Kshudha hani was present in 25% patients, whereas aruchi and tandra was found in 16.66% patients respectively (Table 3).

It can be observed that in GR group maximum relief was found in the symptom of Pain i.e 78.37% (Table 4) and in the symptom

of savedana akunchana prasarana maximum relief i.e 77.14% is found in BR group (Table 5).While in R group maximum relief is found in the symptom of pain i.e. 71.42% (Table 6).

In G. R. group 77% relief in gatrashool was found. The effect of therapy of group GR was more in the symptoms of gatrashool and kshudhahani in comparison to other groups (Table 7).Highly significant results in walking time and body weight reduction was also observed in group GR (Table 8).

It can be observed that highly significant results are obtained in walking time in group BR (Table 9) and significant results were

Table 3: Associated Symptoms-wise Dist	ribution of 36 Patients of Sandhigatavata
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Associate d Cymentama	No.	of Patien	Total	%	
Associated Symptoms	G.R (n)	B.R(n)	R.(n)	(n)	/0
Jwara	1	1	2	4	11.11
Aruchi	2	2	2	6	16.66
Gatrashool	1	1	1	3	8.33
Kshudha hani	1	5	3	9	25
Klama	1	1	2	4	11.11
Tandra	3	1	2	6	16.66

Sr no	Cardinal signs and symptoms	Ν	Mean score		% relief	t	p
		Mean (±S.D) baseline	Mean (±S.D) Postinterventional	Difference Mean (±S.E)			
1	Pain	3.08	0.66	0.148	78.37	16.25	< 0.001
2	Swelling	1.16	0.33	0.207	71.42	4.02	< 0.01
3	M.stiffness	1.66	0.41	0.278	75	4.48	< 0.001
4	Crepitus	1.75	0.41	0.256	76.19	5.20	< 0.001
5	Savedana akunchana prasarana	3.00	0.66	0.142	77.77	16.41	<0.001
6	Temderness	1.16	0.41	0.250	64.28	3.00	< 0.05
7	Shrama asahyta	1.83	0.58	0.217	68.18	5.74	< 0.001
8	Sandhigati hani	1.16	0.33	0.224	71.42	2.96	<0.05

Table 4: Effect of Therapy in Cardinal Signs and Symptoms of Sandhigatavata in Group "GR"

Table 5: Effect of Therapy in Cardinal Signs and Symptoms of Sandhigatavata in Group
"BR"

Sr no	Cardinal signs and symptoms	Mean score			% relief	t	р
		Mean (±S.D) baseline	Mean (±S.D) Postinterventional	Difference Mean ( <b>±S.E)</b>			
1	Pain	2.58	0.66	0.418	74.19	12.89	< 0.001
2	Swelling	1.16	0.33	0.240	71.42	3.45	< 0.01
3	M.stiffness	1.50	0.41	0.334	72.22	3.38	< 0.01
4	Crepitus	1.58	0.41	0.270	73.68	4.31	< 0.01
5	Savedana akunchana prasarana	2.91	0.66	0.179	77.14	12.53	< 0.001
6	Temderness	1.00	0.41	0.192	58.33	3.02	< 0.05
7	Shrama asahyta	1.75	0.58	0.246	66.66	4.06	< 0.01
8	Sandhigati hani	1.00	0.33	0.256	66.66	2.80	< 0.05

# Table 6: Effect of Therapy in Cardinal Signs and Symptoms of Sandhigatavata in Group "R"

Sr no	Cardinal signs and symptoms			% relief	р	
		Base line	Postinterventional	Difference		
		Mean (±S.D)	Mean (±S.D)	Mean (±S.E)		
1	Pain	1.16 <b>±S.D</b>	0.33	0.207	71.42	< 0.01
2	Swelling	1.08	0.41	0.158	61.53	< 0.01
3	M.stiffness	1.41	0.50	0.259	64.70	< 0.01
4	Crepitus	1.50	0.58	0.228	61.11	< 0.01
5	Savedana akunchana prasarana	2.16	0.66	0.228	69.23	<0.001
6	Tenderness	1.08	0.50	0.228	53.84	< 0.05
7	Shrama asahyta	1.75	0.66	0.228	61.19	< 0.05
8	Sandhigati hani	0.75	0.25	0.194	66.66	< 0.05

## Table 7: Effect of Therapy in Associated Signs and Symptoms of Sandhigatavata in Groups (% Relief- Paired T Test)

Associated			% rel	lief		
Symptoms	G.R	P value	B.R	P value	R.	Pvalue
Aruchi	66.66	>0.10	55.55 >0.10		25	>0.10
Gatrashool	77.77	< 0.001	67.85	< 0.001	33.33	>0.10
Kshudha hani	76.47	< 0.001	63.23	< 0.05	46.15	>0.05
Klama	54.54	>0.05	33.33	>0.10	16.66	>0.10
Tandra	70	< 0.05	28.57	>0.10	66.66	< 0.01

#### Table 8: Effect of Therapy in Walking Time and Body Weight Reduction in Group-GR

Sr no	Parameter	Baseline Mean (±S.D)	Postinterventional Mean (±S.D)	Difference Mean (±S.E)	% relief	t	р
1	Walking time	2.33	0.50	0.016	78.57	9.52	< 0.001
2	Body weight	73.08	70.00	0.029	4.21	8.66	< 0.001

Table 9: Effect of Therapy in Walking Time and Body Weight Reduction in Group BR

Sr no	Parameter	Baseline Mean (±S.D)	Postinterventional Mean (±S.D)	Difference Mean(±S.E)	% relief	t	р
1	Walking time	2.31	0.51	0.022	77.92	6.75	<0.001
2	Body weight	52.75	53.00	1.144	0.47	8.66	>0.05

Table 10: Effect of Therapy in Walking Time and Body Weight Reduction in Group R

Sr no	Parameter	Baseline Mean (±S.D)	Postinterventional Mean (±S.D)	Difference Mean(±S.E)	% relief	t	р
1	Walking time	2.20	0.80	0.029	63.63	3.92	< 0.01
2	Body weight	62.83	62.00	0.047	1.32	1.44	>0.10

obtained in walking time in patients of group R (Table 10).

#### Results

The effect of above therapies in different groups according to sympotms are as shown below:

Pain: The "GR" and "BR" therapy provided

highly significant (P<0.001) relief whereas 'R" therapy provided Significant relief (P<0.01)( GR- 78.37%, BR- 74.19%, R- 71.42%)

Swelling- 71.42% relief was found in both GR and BR groups while 61.53% relief was found in R group. The improvement of all three groups were significant (p<0.01)

*Morning Stiffness:* The GR therapy provided highly significant relief (P<0.001) while BR and R therapy provided significant

Result	No of	%	No of	%	No of	%
Result	patients	relief	patients	Relief	patients	relief
	G.I	λ	B.R		R.	
Complete remission	00	00	00	00	00	00
Markedly improved	06	50	05	41.67	01	8.33
Improvement	06	50	07	58.33	11	91.67
Unchanged	00	00	00	00	00	00
Deterioration	00	00	00	00	00	00

Table 11: Total Effect of Therapy in 36 Patients of Sandhigatavata

relief(P<0.01)(GR- 75%, BR- 72.22%, R-64.70%)

*Crepitus:* Highly significant relief (P<0.001) was observed in GRgroup(76.19%) whereas significant (P<0.01) was reported in both BR and R groups.

Savedana Akunchana Prasarana Pravritti: All the three groups shown highly significant relief (P<0.001) in this symptom. (Gr- 77.77%, BR-77.14%, R- 69.23%)

*Tenderness:* All the groups provided significant relief in tenderness(P<0.05)(Gr-64.28%, BR-58.33%, R-53.84%).

*Shrama Asahyta:* The GRtherapy showed highly signifcant relief(P<0.001) with 68.18% relief while BR threapy showed signifcant relief(P<0.01) with 66.66% relief and R therapy showed significant relief(P<0.05) with 61.19% relief.

*Sandhigatihani:* All the three groups provided significant rlief(P<0.05) (GR-71.42%, BR and R- 66.66% each).

While observing the total effect of therapies, it can be observed that 50% patients of GR group had marked improvement while 50% had improvement which is more in comparison to other therapuetic groups.

#### Discussion

Snadhigatavata is one among the vatavyadhies which is one of the Mahagada. Usually the onset of symptoms start in 4th decade of life which acording to Sushruta is

obese patients which may be due to avarana of vata caused by meda as well as kapha. Dushti of vata, meda, asthi and majja are main factors which is generally seen in patients. Therefore the drugs having dhatu pushtikara as well as avaranjarya vataprakopahar properties will be useful for the reversal of samprapti of sandhigatavata due to both types of pathogensis of vatavyadhi.
Probable Mode of Action

hani stage of Madhyam vaya. The disease may

have avarana or dhatu kshaya types of pathogensis. The disease is twice prevelant in

*Rasnadi guggulu:* The drug showed significant relief in almost all signs and symptoms.Rasna is described as best Vatahara drug.[8]Eranda is also considered as vrushya and vatahara drug.[9] The combination is predominant in Katu-titka rasa( 66.66%), laghu guna (50%), tikshna guna and ruksha guna(16.66% each) katu vipaka (50%) and Ushna virya(100%). The above drug with its ushna veerya acts as vatashamaka and owing to its rasa, guna etc it may act on medaavrrita vata which is also a underlying pathology in sandhigatavata.

*Guduchyadi Kwatha:* The combination is predominant in kashaya rasa (100%)- titka and katu rasa (66.66%) each which may act on accumulation of meda and kapha avarana. With the correction of vitiated vata, the reaarangement of shleshaka kapha may take place and thus the symptoms of Sandhigati hani and stiffenss were reduced significantly.

## Criteria for Assessment

I. General Symptoms Score:         Mild degree of symptom-       0         Midd degree of symptom-       2         Severe symptom-       3         Very severe symptom-       4         . Specific symptom score:       1         1. Velana (Pain)       -1         -No Pain       -1         -Occasional little pain on excessive movement or work       -2         -Perisisting bearable pain on routine work or movement       -3         -Perisisting ubbrable pain on routine work or movement       -3         -Perisisting ubbrable pain on routine work or movement       -2         -Perisisting ubbrable pain on routine work or movement       -3         -No Swelling       0         -Shothaf Scelling ) in joint       -1         -No Swelling       0         -Shothaf Scelling ) in joint       -2         -No Kare Swelling       1         -No Grate Swelling       2         -No Kare Swelling       1         -No Grate Swelling       1         -No derate Swelling       2         -Skothaf Swelling       1         -No teal Swelling       1         -No teal Swelling       2         -No teal Swelling       1         -No teal	Absence of symptoms 0           Mild degree of symptom 1           Moderate degree of symptom 3           Very severe symptom 3           Very severe symptom score:           1.           Vedana (Pain)           -No Pain           -No Pain           and relieved after rest.           -Persisting bearable pain on routine work or movement           and relieved after rest.           -Persisting unberable pain on routine work or movement           relieved after rest.           -Persisting unberable pain on routine work or movement           -Persisting unberable pain on routine work or movement           -No Swelling         0           -Stight Swelling         1           -No Swelling         0           -Sight Swelling         2           -No Hain         3           -Normig Stiffness         0           -Mild Stiffness         2           -Severe difficulty due to Stiffness         3           -Severe difficulty due to Stiffness         3           - No tenderness         4           - Pain on deep pressure with wincing of face         1           - Pain on deep pressure with wincing of face         1           - Pain on deep pressure with wincing of face	1. General Symptoms Score.			
Mild degree of symptom-       1         Moderate degree of symptom-       2         Severe symptom-       3         Very severe symptom-       4         Specific symptom score:       -         1. Vedna (Pain)       -         No Pain       -         -Occasional little pain on excessive movement or work       -         and relieved after rest.       -2         -Persisting bearable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -4         2. Shotha(Swelling) in joint       -No Swelling       -0         -Slight Swelling       -1       -         -No Stiffness       -0       -         -Moderate Stiffness       -1       -         -Moderate Stiffness       -2       -         -No Stiffness       -2       -         -Severe difficulty due to Stiffness       -3       -         -Severe difficulty due to Stiffness       -3       -         - Pain on deep pressure with wincing of face       -1       -         - Pain on deep pressure with wincing of face	Mild degree of symptom-       1         Moderate degree of symptom-       2         Severe symptom-       4         Specific symptom score:       -         1. Vedana (Pain)       -1         -Occasional little pain on excessive movement or work       -1         and relieved after rest.       -2         -Persisting bearable pain on routine work or movement       -3         -relieved after rest.       -3         -Persisting unberable pain on routine work or movement       -3         relieved after medication.       -4         2. Shotha(Swelling)       0         -Slight Swelling       0         -Slight Swelling       -1         -No Stiffness       -0         -Nid Stiffness       -1         -No Griffness       -0         -Sight Swelling       -1         -No Stiffness       -1         -No Griffness       -2         -No Stiffness       -2         -Severe Stiffness more than 10 minutes       -4         -Spatha-Asa hyata(1enderness)       -1         -No tenderness       -0         - Pain on deep pressure with wincing of face       1         - Pain on light pressure with wincing of face       1				
Moderate degree of symptom- 2           Severe symptom- 3           Very severe symptom score:           1. Velana (Pain)           -No Pain           -Occasional little pain on excessive movement or work           and relieved after rest.           -1           -Occasional little pain on excessive movement or work           and relieved after rest.           -2           -Perisisting bearable pain on routine work or movement           relieved after rest.           -3           -Peresisting unberable pain on routine work or movement           relieved after rest.           -2           -Stothaf(Skedling ) in joint           -No Swelling           -1           -Moderate Swelling           -2           -Much Swelling           -3           -No Stiffness           -1           -Much Swelling           -2           -Much Stiffness           -3           -5           -8 vere difficulty due to Stiffness           -1           -Moderate Stiffness           -2           -Severe Stiffness more than 10 minutes           -4           -5	Moderate degree of symptom.       3         Severe symptom.       4         Very severe symptom score:       1         I. Vedana (Pain)       -1         -Occasional little pain on excessive movement or work       -1         and relieved after rest.       -2         -Perisisting bearable pain on routine work or movement       -3         and relieved after rest.       -3         -Persisting unberable pain on routine work or movement       -4         -No Swelling       0         -Silght Swelling ) in joint       -4         -No Swelling       -0         -Silght Swelling ) in joint       -1         -Moderate Swelling       -1         -Moderate Swelling       -2         -Mid Stiffness       -0         -Mid Stiffness       -0         -Silght Swelling       -1         -Moderate Swelling       -2         -No Stiffness       -0         -Mid Stiffness       -1         -Moderate Stiffness       -3         -Severe difficulty due to Stiffness       -3         -Severe difficulty due to Stiffness       -3         - No tendemess       0         - Pain on deep pressure with wincing of face       1				
Severe symptom         3           Very severe symptom         4           . Specific symptom score:         1.           1. Velana (Pain)         -1           -No Pain         -1           -Qccasional little pain on excessive movement or work         -2           -Perisiting bearable pain on routine work or movement         -2           -Perisiting bearable pain on routine work or movement         -3           -Persisting unberable pain on routine work or movement         -3           -Persisting unberable pain on routine work or movement         -3           -No Swelling         -         0           -Stockfisselling         -         1           -No Swelling         -         2           -No Stiffness         -         1           -Moderate Stiffness         -         1           -Moderate Stiffness         -         2           -Stewere Stiffness more than 10 minutes         -         4           - Sparsha-Asahyata(Tenderness)         -         0           - Pain on deep pressure with wincing of face         1         -           - Pain on deep pressure with wincing of face and         1         -           - Pain on ilgh pressure with wincing of face and         2         -	Severe symptom         3           Very severe symptom         4           . Specific symptom score:         1           I. Vedana (Pain)         -1           -Occasional little pain on excessive movement or work         -2           and relieved after rest.         -2           -Persisting bearable pain on routine work or movement         -3           -Persisting bearable pain on routine work or movement         -3           -Persisting unberable pain on routine work or movement         -2           -Persisting unberable pain on routine work or movement         -2           -Persisting unberable pain on routine work or movement         -3           -Persisting unberable pain on routine work or movement         -4           No Stiffness         -0         -           -No Seeffing (ing) (in joint         -         -           -No Stiffness         -0         -           -Much Swelling         -1         -           -Moderate Swelling         -2         -           -Much Swelling         -3         -           -Severe diffness         -1         -           -Severe Stiffness         -2         -           -Severe Stiffness         -3         -           -Pain on deep pressure with wincing o				
Very severe symptom       4         1. Vedana (Pain)       -1         -No Pain       -1         Occasional little pain on excessive movement or work       -1         and relieved after rest.       -2         -Perisisting bearable pain on routine work or movement       -3         and relieved after rest.       -3         -Persisting unberable pain on routine work or movement       -4         relieved after rest.       -3         -Persisting unberable pain on routine work or movement       -1         relieved after rest.       -3         -Persisting unberable pain on routine work or movement       -1         -No Swelling       -       0         -Sight Swelling       -       1         -Moderate Swelling       -       3         -No Stiffness       -       0         -Nidi Stiffness       -       1         -Moderate Stiffness       -       1         -Moderate Stiffness       -       1         -Severe Stiffness more than 10 minutes       -       4         4.       Sparsha-Asahyata(Tenderness)       -       0         - No tenderness       -       0       -         - Pain on deep pressure with wincing of face       - <td>Very severe symptom 4         I. Specific symptom score:         I. Vedana (Pain)         -No Pain       -1         Occasional little pain on excessive movement or work       -2         and relieved after rest.       -2         -Persisting unberable pain on routine work or movement       -2         relieved after rest.       -3         -Persisting unberable pain on routine work or movement       -4         I. Shohldn(Steelling) in joint       -4         -No Swelling       -0         -Slight Swelling       -0         -Slight Swelling       -0         -Shohldn(Steelling) in joint       -0         -No Swelling       -1         -No Stiffness       -0         -Moderate Swelling       -0         -Skohldnig Stiffness       -0         -No Stiffness       -1         -Moderate Stiffness       -2         -Severe difficulty due to Stiffness       -3         -Severe Stiffness more than 10 minutes       -4         4. Sparsha-Asahyata(1enderness)       -0         - No tenderness       -0         - No tenderness       -0         - Pain on deep pressure with wincing of face and         Withdraws the affected part       -3</td> <td></td> <td></td> <td></td> <td></td>	Very severe symptom 4         I. Specific symptom score:         I. Vedana (Pain)         -No Pain       -1         Occasional little pain on excessive movement or work       -2         and relieved after rest.       -2         -Persisting unberable pain on routine work or movement       -2         relieved after rest.       -3         -Persisting unberable pain on routine work or movement       -4         I. Shohldn(Steelling) in joint       -4         -No Swelling       -0         -Slight Swelling       -0         -Slight Swelling       -0         -Shohldn(Steelling) in joint       -0         -No Swelling       -1         -No Stiffness       -0         -Moderate Swelling       -0         -Skohldnig Stiffness       -0         -No Stiffness       -1         -Moderate Stiffness       -2         -Severe difficulty due to Stiffness       -3         -Severe Stiffness more than 10 minutes       -4         4. Sparsha-Asahyata(1enderness)       -0         - No tenderness       -0         - No tenderness       -0         - Pain on deep pressure with wincing of face and         Withdraws the affected part       -3				
Specific symptom score:         1. Vedana (Pain)         -No Pain         -No Pain         -1         -Occasional little pain on excessive movement or work         and relieved after rest.         -Persisting bearable pain on routine work or movement         and relieved after rest.         -Persisting unberable pain on routine work or movement         relieved after rest.         -Persisting unberable pain on routine work or movement         relieved after rest.         -No Swelling         - No Swelling         - No Staffa/Swelling         - No Swelling         - No Staffa/Swelling         - Singht Swelling         - No Staffness         - No Staffness         - No Staffness         - No Staffness         - Severe difficulty due to Stiffness         - Severe Stiffness more than 10 minutes         - At 4         - Spain on deep pressure with wincing of face         - Pain on deep pressure with wincing of face         - Pain on light pressure with wincing of face         - Does not allow to touch the affected part         - AkunchanaPrasaronaugh Vedana( pain on flexion         and extension of the joint)         - No pain         - Does no	Specific symptom score:       -1         I. Vedana (Pain)       -1         -No Pain       -1         -Occasional little pain on excessive movement or work       -1         and relieved after rest.       -2         -Perisisting bearable pain on routine work or movement       -3         and relieved after rest.       -3         -Persisting unberable pain on routine work or movement       -4         2. Shaha(Swelling) in joint       -1         -No Swelling       -0         -Slight Swelling       -1         -Moderate Swelling       -2         -Much Swelling       -1         -Moderate Swelling       -2         -Much Swelling       -3         -Stight Swelling       -3         -No Stiffness       -1         -Moderate Stiffness       -2         -Stevere Giffness more than 10 minutes       -4         -Severe Giffness more than 10 minutes       -4         - Severe Stiffness       -3         - Severe Giffness more than 10 minutes       -4         - No tenderness       -0         - No tenderness       -0         - Pain on deep pressure with wincing of face       1         - Pain on light pressure with wincing of face       1<				
I. Vedana (Pain)       -1         Occasional little pain on excessive movement or work       -1         and relieved after rest.       -2         Persisting bearable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -4         2. Shatha(Sacelling) in joint       -4         2. Shatha(Sacelling) in joint       -4         2. Shatha(Sacelling) in joint       -4         No Swelling       -0         -Slight Swelling       -1         -Moderate Swelling       -2         -Much Swelling       -3         3. Morning Stiffness       -1         -No Suffness       -2         -Swere difficulty due to Stiffness       -3         -Severe difficulty due to Stiffness       -3         -Severe difficulty due to Stiffness       -3         - No tenderness       -         - No tenderness       -         - No tenderness       -         - No tenderness       -         - Does not allow to touch the affected part       -         - Pain on deep pressure with wincing of face       -         - Dain on deep pressure with wincing of face and       -         Withdraws the affected part       -       4 <td>T.       Vedana (Pain)         -No Pain       -1         Occasional little pain on excessive movement or work       -2         -Persisting bearable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -4         2.       Shahla(Swelling)       -0         -Silght Swelling       -0       -         -Moderate Swelling       -1       -         -Much Swelling       -1       -         -No Stiffness       -1       -         -Moderate Stiffness       -1       -         -No Iffically due to Stiffness       -3       -         -Severe Stiffness more than 10 minutes       -4       -         - Pain on deep press</td> <td></td> <td></td> <td></td> <td></td>	T.       Vedana (Pain)         -No Pain       -1         Occasional little pain on excessive movement or work       -2         -Persisting bearable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -4         2.       Shahla(Swelling)       -0         -Silght Swelling       -0       -         -Moderate Swelling       -1       -         -Much Swelling       -1       -         -No Stiffness       -1       -         -Moderate Stiffness       -1       -         -No Iffically due to Stiffness       -3       -         -Severe Stiffness more than 10 minutes       -4       -         - Pain on deep press				
-No Pain       -1         -Occasional little pain on excessive movement or work       and relieved after rest.       -2         -Persisting bearable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -4         -2. Shothack Seedling) in joint       -4         -No Swelling       -0         -Slight Swelling       -1         -Moderate Swelling       -2         -Mochast Estiffness       -3         -No Stiffness       -0         -No Stiffness       -1         -Moderate Stiffness       -2         -Severe Stiffness more than 10 minutes       -4         4. Sparsha-Asalnyata(Tenderness)       -0         - Pain on deep pressure with wincing of face       1         - Pain on light pressure with wincing of face and       -3         Withdraws the affected part       -3         - Does not allow to touch the affected part       -4         5. AkunchanaPrasaranyabi Vedana( pain on flexion       -1         - Pain with winching of face       -1 </td <td>-No Pain       -1         -Occasional little pain on excessive movement or work       -2         -Perisiting bearable pain on routine work or movement       -3         and relieved after rest.       -3         -Persisting unberable pain on routine work or movement       -3         releved after medication.       4         2. Shaha(Swelling) in joint       -0         -Slight Swelling       -0         -Slight Swelling       -1         -Moderate Swelling       -2         -Much Swelling       -3         -No Stiffness       -0         -Slight Swelling       -1         -Moderate Stiffness       -2         -Much Swelling       -3         -No Stiffness       -1         -No Stiffness       -2         -Stever difficulty due to Stiffness       -3         -Severe Stiffness more than 10 minutes       -4         4. Sparsha-Asa hyata(Tendermess)       -         -No tenderness       -       0         -Pain on deep pressure with wincing of face       -       1         - Pain on light pressure with wincing of face       -       1         - Pain on light pressure with wincing of face       -       1         - AkuchanaPrasaranuyoh Vedana( pa</td> <td></td> <td></td> <td></td> <td></td>	-No Pain       -1         -Occasional little pain on excessive movement or work       -2         -Perisiting bearable pain on routine work or movement       -3         and relieved after rest.       -3         -Persisting unberable pain on routine work or movement       -3         releved after medication.       4         2. Shaha(Swelling) in joint       -0         -Slight Swelling       -0         -Slight Swelling       -1         -Moderate Swelling       -2         -Much Swelling       -3         -No Stiffness       -0         -Slight Swelling       -1         -Moderate Stiffness       -2         -Much Swelling       -3         -No Stiffness       -1         -No Stiffness       -2         -Stever difficulty due to Stiffness       -3         -Severe Stiffness more than 10 minutes       -4         4. Sparsha-Asa hyata(Tendermess)       -         -No tenderness       -       0         -Pain on deep pressure with wincing of face       -       1         - Pain on light pressure with wincing of face       -       1         - Pain on light pressure with wincing of face       -       1         - AkuchanaPrasaranuyoh Vedana( pa				
-Occasional little pain on excessive movement or work       -2         -Persisting bearable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -4         2.       Shotha(Suelling) in joint         -No Swelling       -0         -Silght Swelling       -1         -Moderate Swelling       -2         -Much Swelling       -2         -Much Swelling       -3         -No Stiffness       -0         -Mid Stiffness       -1         -Moderate Swelling       -2         -Swewelling       -3         -No Stiffness       -1         -Much Swelling       -2         -Swewer Stiffness       -3         -Severe Stiffness more than 10 minutes       -4         - Sparsha-Asalyata(Tenderness)       -         - No tenderness       -       0         - Pain on deep pressure with wincing of face       -       1         - Pain on deep pressure with wincing of face       -       1         - Dees not allow to touch the affected part       -       4         - Swelling       -       0       -         - Aturbina	-Occasional little pain on excessive movement or work       -2         and relieved after rest.       -2         -Persisting bearable pain on routine work or movement       -3         -Persisting unberable pain on routine work or movement       -4         2.       Shotha(Swelling) in joint       -4         2.       Shotha(Swelling)       -0         -Slight Swelling       -1       -0         -Much Swelling       -2			1	
and relieved after rest.       -2         -Perisisting unberable pain on routine work or movement       -3         -Perisisting unberable pain on routine work or movement       -3         relieved after medication.       4         2. Shaha(Swelling) in joint       -4         -No Swelling       0         -Stight Swelling       -0         -Stight Swelling       -1         -Moderate Swelling       -2         -Moch Swelling       -3         -No Stiffness       -0         -Nitiffness       -0         -Middrate Swelling       -2         -No Stiffness       -0         -Moderate Stiffness       -1         -Moderate Stiffness       -2         -Severe difficulty due to Stiffness       -3         -Severe Stiffness more than 10 minutes       -4         - A stan-Asahyata(Tenderness)       -         - No tenderness       -       0         - Pain on deep pressure with wincing of face       -       1         - Pain on deep pressure with wincing of face and       -       3         Withdraws the affected part       -       3       -         - Does not allow to to toch the affected part       -       1         - No pain <td>and relieved after rest.         -2           -Perisisting bearable pain on routine work or movement         -3           -Perisisting unberable pain on routine work or movement         -3           relieved after rest.         -3           -Perisiting unberable pain on routine work or movement         -4           -Shotha(Swelling) in joint         -4           -No Swelling         0           -Slight Swelling         1           -Moderate Swelling         3           -Moring Stiffness         0           -No Stiffness         1           -Moderate Stiffness         1           -Moderate Stiffness         2           -Severe difficulty due to Stiffness         3           -Severe difficulty due to Stiffness         3           -No Stiffness         1           -Moderate Stiffness         2           - Severe difficulty due to Stiffness         3           - Severe difficulty due to Stiffness         3           - No Ienderness         -         0           - No Ienderness         -         0           - No Ienderness         -         1           - Pain on ligth pressure with wincing of face         -         1           - Does not allow touch the affected part<!--</td--><td></td><td>1</td><td>-1</td><td></td></td>	and relieved after rest.         -2           -Perisisting bearable pain on routine work or movement         -3           -Perisisting unberable pain on routine work or movement         -3           relieved after rest.         -3           -Perisiting unberable pain on routine work or movement         -4           -Shotha(Swelling) in joint         -4           -No Swelling         0           -Slight Swelling         1           -Moderate Swelling         3           -Moring Stiffness         0           -No Stiffness         1           -Moderate Stiffness         1           -Moderate Stiffness         2           -Severe difficulty due to Stiffness         3           -Severe difficulty due to Stiffness         3           -No Stiffness         1           -Moderate Stiffness         2           - Severe difficulty due to Stiffness         3           - Severe difficulty due to Stiffness         3           - No Ienderness         -         0           - No Ienderness         -         0           - No Ienderness         -         1           - Pain on ligth pressure with wincing of face         -         1           - Does not allow touch the affected part </td <td></td> <td>1</td> <td>-1</td> <td></td>		1	-1	
-Perisisting bearable pain on routine work or movement       -3         and relieved after rest.       -3         -Persisting unberable pain on routine work or movement       -3         relieved after medication.       4         2. Shotha(Swelling) in joint       -0         -Silight Swelling       -1         -Moderate Swelling       -2         -Much Swelling       -3         3. Morning Stiffness       -1         -No Suffness       -2         -Much Swelling       -3         -Swere fifficulty due to Stiffness       -2         -Swere Stiffness more than 10 minutes       -4         4. Sparsha-Asahyata(Ienderness)       -         - No to undeep pressure with wincing of face       -         - Pain on deep pressure with wincing of face       -         - Pain on light pressure with wincing of face       -         - Dain on light pressure with wincing of face       -         - Dain on light pressure with wincing of face       -         - No built       -       3         - Does not allow to touch the affected part       -       4         - S. AkunchanaPrasaranayoh/Veduat pain on flexion       -       3         - Does not allow passive movement       -       1 <t< td=""><td>-Perisisting bearable pain on routine work or movement       -3         and relieved after rest.       -3         -Persisting unberable pain on routine work or movement       -4         2. Shotha(Sociling) in joint       -4         No Swelling       -         -MidedStiftings       -         -Much Swelling       -         -Much Swelling       -         -Much Swelling       -         -Much Swelling       -         -No Stiffness       -         -No tenderness       -         - No tenderness       -         - No tenderness       -         - Does not allow to tuch the affected part       -         - Does not allow to tuch the affected part       -         - No pain       -       0         - No pain</td><td></td><td>K</td><td></td><td></td></t<>	-Perisisting bearable pain on routine work or movement       -3         and relieved after rest.       -3         -Persisting unberable pain on routine work or movement       -4         2. Shotha(Sociling) in joint       -4         No Swelling       -         -MidedStiftings       -         -Much Swelling       -         -Much Swelling       -         -Much Swelling       -         -Much Swelling       -         -No Stiffness       -         -No tenderness       -         - No tenderness       -         - No tenderness       -         - Does not allow to tuch the affected part       -         - Does not allow to tuch the affected part       -         - No pain       -       0         - No pain		K		
and relieved after rest.       -3         -Persisting unberable pain on routine work or movement       -         relieved after medication.       4         2. Shotha(Swelling) in joint       -         -No Swelling       -         -No Swelling       -         -Much Swelling       -         -Much Swelling       -         -Much Swelling       -         3. Morning Stiffness       -         -No tenderness       -         - No tenderness       -         - No tenderness       -         - Pain on deep pressure with wincing of face       -         - Does not allow to touch the affected part       -         - Does not allow to touch the affected part       -         - No pain       -       0         <	and relieved after rest.       -3         -Persisting unberable pain on routine work or movement       -4         2. Shotha(Swelling) in joint       -0         -No Swelling       -0         -Slight Swelling       -1         -Moderate Swelling       -2         -Much Swelling       -3         3. Morning Stiffness       -0         -No Stiffness       -0         -Nild Stiffness       -0         -Nild Stiffness       -0         -Severe difficulty due to Stiffness       -3         -Severe Stiffness more than 10minutes       -4         4. Sparsha-Asahyata(Tenderness)       -         - No tenderness       -         - Pain on deep pressure with wincing of face       -         - Pain on deep pressure with wincing of face       -         - Does not allow to touch the affected part       -         - Does not allow to touch the affected part       -         - No pain       -       0         - Pain without winching of face       -       1         - No pain       -       0         - Pain without winching of face       -       2         - No pain       -       0         - No pain       -       0		1	-2	
-Persisting unberable pain on routine work or movement         relieved after medication.       4         2. Shothad Steeling ) in joint       0         -No Swelling       0         -Stlight Swelling       1         -Moderate Swelling       -         -Moderate Swelling       -         -Moderate Swelling       -         -No Stiffness       -         -No Stiffness       -         -No Stiffness       -         -Severe difficulty due to Stiffness       -         -Severe Stiffness more than 10 minutes       -         - No tenderness       -         - No tenderness       -         - No tenderness       -         - Pain on deep pressure with wincing of face       -         - Pain on deep pressure with wincing of face and       -         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         - AkunchanaParasanaugohVedana(pain on flexion       -       1         and extension of the joint)       -       0         - No pain       -       0       -         - No pain       -       0       -         - No pain       -       0 <td>-Persisting unberable pain on routine work or movement       4         relieved after medication.       4         2. Shotha(Swelling)       i joint         -No Swelling       0         -Slight Swelling       1         -Moderate Swelling       3         3. Morning Stiffness       0         -No Stiffness       0         -No Stiffness       1         -Moderate Stiffness       2         -Stevere difficulty due to Stiffness       3         -Severe Stiffness more than 10 minutes       4         4. Sparsha-Asahyata(Tenderness)       -         - No tenderness       -         - Not no deep pressure with wincing of face       -         - Pain on deep pressure with wincing of face       -         - Pain on deep pressure with wincing of face and       -         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranuyohVedana pain on flexion       -       1         - No pain       -       0       -         - No pain       -       0       -         - No pain       -       0       -         - No pain       -       0</td> <td></td> <td>ent</td> <td>2</td> <td></td>	-Persisting unberable pain on routine work or movement       4         relieved after medication.       4         2. Shotha(Swelling)       i joint         -No Swelling       0         -Slight Swelling       1         -Moderate Swelling       3         3. Morning Stiffness       0         -No Stiffness       0         -No Stiffness       1         -Moderate Stiffness       2         -Stevere difficulty due to Stiffness       3         -Severe Stiffness more than 10 minutes       4         4. Sparsha-Asahyata(Tenderness)       -         - No tenderness       -         - Not no deep pressure with wincing of face       -         - Pain on deep pressure with wincing of face       -         - Pain on deep pressure with wincing of face and       -         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranuyohVedana pain on flexion       -       1         - No pain       -       0       -         - No pain       -       0       -         - No pain       -       0       -         - No pain       -       0		ent	2	
relieved after medication.       -4         2. Shotha(Swelling) in joint       -         No Swelling       -         -No Swelling       -         -Much Swelling       -         -Much Swelling       -         -Much Swelling       -         -Much Swelling       -         -No Stiffness       -         -No Stiffness       -         -No Stiffness       -         -No decrate Stiffness       -         -Severe Stiffness more than 10 minutes       -         - Severe Stiffness more than 10 minutes       -         - Severe Stiffness more than 10 minutes       -         - No tenderness       -       0         - No tenderness       -       1         - Pain on deep pressure with wincing of face and       -       2         Withdraws the affected part       -       4       -         5. AkunchanPrasmanuolV data( pain on flexion       -       0       -         - No pain       -       0       -<	relieved after medication.       4         2. Shotha(Sxelling) in joint		ant	-3	
2. Shotha(Swelling) in joint         -No Swelling       -         -No decrate Swelling       -         -Much Swelling       -         3. Morning Stiffness       -         -No decrate Stiffness       -         -Severe difficulty due to Stiffness       -         -Severe Stiffness more than 10 minutes       -         - Severe difficulty due to Stiffness       -         - No tenderness       -         - No tenderness       -         - No tenderness       -         - No tenderness       -         - Pain on deep pressure with wincing of face       -         - Pain on ligth pressure with wincing of face and       -         Withdraws the affected part       -       4         - S. AkunchandPrasaranupolVedana(pain on flexion       -       1         - No pain       -       0       -         - No pain       -       0       -         - Shouts & prevents complete flexion       -       3         - Does not allow to worement <t< td=""><td>2. Shatha(Swelling) in joint         -No Swelling       -         -Slight Swelling       -         -Moderate Swelling       -         -Much Swelling       -         -Much Swelling       -         -Much Swelling       -         -No Stiffness       -         -No Stiffness       -         -No Stiffness       -         -No Stiffness       -         -Severe difficulty due to Stiffness       -         -No tenderness       -         -No in tight pressure with wincing of face       -         -No pain       -       0         - No pain       -       0<td></td><td>ient</td><td>4</td><td></td></td></t<>	2. Shatha(Swelling) in joint         -No Swelling       -         -Slight Swelling       -         -Moderate Swelling       -         -Much Swelling       -         -Much Swelling       -         -Much Swelling       -         -No Stiffness       -         -No Stiffness       -         -No Stiffness       -         -No Stiffness       -         -Severe difficulty due to Stiffness       -         -No tenderness       -         -No in tight pressure with wincing of face       -         -No pain       -       0         - No pain       -       0 <td></td> <td>ient</td> <td>4</td> <td></td>		ient	4	
-No Swelling       0         -Slight Swelling       1         -Moderate Swelling       3         -Moderate Swelling       3         -Moderate Swelling       3         -No Stiffness       0         -No Stiffness       1         -Moderate Stiffness       2         -Severe difficulty due to Stiffness       3         Severe Stiffness more than 10 minutes       4         4. Sparsha-Asahyata(Tenderness)       -         - No tenderness       -         - No tenderness       -         - No tenderness       -         - No tenderness       -         - Pain on deep pressure with wincing of face       -         - Pain on deep pressure with wincing of face and       -         Withdraws the affected part       -       4         - Does not allow to touch the affected part       -       4         - No pain       -       0       -         - No pain       -       0       -         - No so pain       -       0       -         - No pain       -       0       -         - No pain       -       0       -         - No Crepitation       -       3       <	-No Swelling       -       0         -Slight Swelling       -       1         -Moderate Swelling       -       2         -Much Swelling       -       3         3. Morning Stiffness       -       0         -No Stiffness       -       0         -No Stiffness       -       1         -Moderate Stiffness       -       2         -Severe Stiffness more than 10 minutes       -       4         4. Sparsha-Asa hyata(Tenderness)       -       0         - Pain on deep pressure without wincing of face       -       1         - Pain on deep pressure with wincing of face       -       2         - Pain on deep pressure with wincing of face and       -       3         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranayohVedana(pain on flexion       -       1         - No pain       -       0       -         - No pain       -       0       -         - Sandhisphutana (Crepitus)       -       1       -         - No Crepitation       -       3       -         - Ralpable Crepitation of any one of time during			-4	
-Slight Swelling       -       1         -Much Swelling       -       2         -Much Swelling       -       3         3. Morning Stiffness       -       0         -Nild Stiffness       -       0         -Mild Stiffness       -       2         -Severe Stiffness more than 10 minutes       -       4         4. Sparsha-Asahyata(Tenderness)       -       0         -       No tenderness       -       0         -       Pain on deep pressure with wincing of face       -       1         -       Pain on deep pressure with wincing of face       -       2         -       Pain on deep pressure with wincing of face and       -       3         Withdraws the affected part       -       3       -         -       Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranayol/Vedana(pain on flexion       -       1       -         -       No pain       -       0       -         -       No Crepitation of face       -       1       -         -       No brain with winching of face       -       1       -         -       No Crepitation       -       0	-Slight Swelling-1-Moderate Swelling-2-Much Swelling-33. Morning Stiffness-0-Nild Stiffness-1-Moderate Stiffness-1-Moderate Stiffness-2-Severe difficulty due to Stifness-3-Severe Stiffness more than 10 minutes-44. Sparsha-Asahyata(Tenderness)-0- Not enderness-0- Pain on deep pressure with wincing of face-1- Pain on deep pressure with wincing of face-2- Pain on deep pressure with wincing of face and-3Withdraws the affected part-3- Does not allow to touch the affected part-45. AkurchandPrasaranayohVedana(pain on flexion-1- No pain-0- Pain without winching of face-1- No pain-0- Pain without winching of face-1- No pain-0- Pain without winching of face-1- No crepitation-3- Does not allow passive movement-46. Sandhisphutana (Crepitus)-0- Ralpable Crepitation of any one of time during-2- Rapable Crepitation of any one of time during-1- Palpable Crepitation-3- No Shrama asahyata-0- Midel Shrama asahyata-1- No		0		
-Moderate Swelling       -       2         -Much Swelling       -       3         3. Morning Stiffness       -       0         -No Stiffness       -       0         -Mild Stiffness       -       1         -Moderate Stiffness       -       2         -Severe difficulty due to Stiffness       -       3         -Severe Stiffness more than 10 minutes       -       4         4. Sparsha-Asa hyata(Tenderness)       -       0         - No tenderness       -       0         - Pain on deep pressure with wincing of face       -       1         - Pain on light pressure with wincing of face       -       2         - Pain on light pressure with wincing of face       -       3         - Does not allow to touch the affected part       -       4         5. AkunchandPrasaranayohVedana(pain on flexion       -       3         - No pain       -       0       -         - Pain with winching of face       -       1       -         - Pain without winching of face       -       1       -         - No pain       -       0       -       1         - Pain with winching of face       -       1       -      <	-Moderate Swelling-2-Much Swelling-33. Morning Stiffness-0-No Stiffness-0-Mild Stiffness-1-Moderate Stiffness-2-Severe difficulty due to Stiffness-3-Severe Stiffness more than 10 minutes-44. Sparsha-Asahyata[Cenderness]-4-No tenderness-0-Pain on deep pressure without wincing of face-1-Pain on deep pressure with wincing of face and-2-Pain on deep pressure with wincing of face and-3-Does not allow to touch the alfected part-4-Akunchan@rasarangyolVedana(pain on flexion-3and extension of the joint)-0No pain-0Pain without winching of face-1-Pain without winching of face-1-No pain-0-Pain without winching of face-1-No crepitation-3-Does not allow pasive movement-46. Sandhisphutana (Crepitus)-0-Palpable Crepitation of any one of time during-1-Palpable Crepitation during each-3-Palpable Crepitation during each-3-No Shrama asahyata-0-Mi				
-Much Swelling       -       3         3. Morning Stiffness       -       0         -No Stiffness       -       0         -Mild Stiffness       -       1         -Moderate Stiffness more than 10 minutes       -       2         -Severe Stiffness more than 10 minutes       -       4         4. Sparsha-Asahyata(Tenderness)       -       0         - No tenderness       -       0         - Pain on deep pressure with wincing of face       -       1         - Pain on deep pressure with wincing of face and       -       2         - Pain on ligth pressure with wincing of face and       -       2         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranayoh/Vedana(pain on flexion       -       1         and extension of the joint)       -       0       -         - No pain       -       0       -       2         - Shouts & prevents complete flexion       -       3       -         - Does not allow passive movement       -       4       -         - Sandhisphittana (Crepitus)       -       0       -         - Ralpable Crepitation of	-Much Swelling       -       3         3. Morning Sliffness       -       0         -No Stiffness       -       0         -Mild Stiffness       -       1         -Moderate Stiffness       -       2         -Severe difficulty due to Stiffness       -       3         -Severe Stiffness more than 10 minutes       -       4         4. Sparsha-Asahyata(Tenderness)       -       0         - No tenderness       -       0         - Pain on deep pressure without wincing of face       -       1         - Pain on deep pressure with wincing of face       -       2         - Pain on ligth pressure with wincing of face and       -       3         Withdraws the affected part       -       4       5         5. AkunchanaPrasaranayohVedana(pain on flexion       -       1         and extension of the joint)       -       0       -         - No pain       -       0       -       2         - Shouts & prevents complete flexion       -       3       -         - Does not allow passive movement       -       4       -         - Sandhisphutana (Crepitus)       -       0       -         - No Crepitation       -				
3. Morning Stiffness       -       0         -No Stiffness       -       0         -Mild Stiffness       -       1         -Moderate Stiffness       -       2         -Severe difficulty due to Stiffness       -       3         -Severe Stiffness more than 10 minutes       -       4         4. Sparsha-Asa Nyata(Tenderness)       -       0         - No tenderness       -       0         - Pain on deep pressure with wincing of face       -       1         - Pain on deep pressure with wincing of face       -       2         - Pain on deep pressure with wincing of face and       -       0         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasmanayol Vedana(pain on flexion       -       1         and extension of the joint)       -       0       -         - No pain       -       0       -       0         - Pain with winching of face       -       1       -         - No pain       -       0       -       1         - Pain with winching of face       -       1       -         - No crepitation       -	3. Morning Stiffness       -       0         -Nold Stiffness       -       1         -Moderate Stiffness       -       2         -Severe difficulty due to Stiffness       -       3         -Severe Stiffness more than 10 minutes       -       4         4. Sparsha-Asahytat(Tenderness)       -       0         - No tenderness       -       0         - No tenderness       -       0         - Pain on deep pressure with wincing of face       -       1         - Pain on deep pressure with wincing of face and       -       2         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranayohVedana(pain on flexion       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranayohVedana(pain on flexion       -       1         - No pain       -       0       -         - No pain       -       0       -         - Shouts & prevents complete flexion       -       3         - Does not allow passive movement       -       4         6. Sandhisphutana (Crepitus)       -       1         - No Crepitation of any one of time during       -       1      <				
-No Stiffness       -       0         -Mild Stiffness       -       1         -Moderate Stiffness       -       2         -Severe difficulty due to Stiffness       -       3         -Severe Stiffness more than 10 minutes       -       4         4. Sparsha-Ashyata(Tenderness)       -       0         - No tenderness       -       0         - Pain on deep pressure with wincing of face       -       1         - Pain on deep pressure with wincing of face       -       2         - Pain on deep pressure with wincing of face and       -       3         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranayohVedana(pain on flexion       -       1         and extension of the joint)       -       0       -         - No pain       -       0       -       1         - No pain       -       0       -       1         - No Crepitation of any one of time during       -       0       -         - Audible crepitation of any one of time during       -       1       -         - Palpable Crepitation of any one of time during       -       1       - <td>-No Stiffness       -       0         -Mild Stiffness       -       1         -Moderate Stiffness       -       2         -Severe difficulty due to Stiffness       -       3         -Severe Stiffness more than 10 minutes       -       4         4.       Sparsha-Asahyata[Tenderness]       -       0         -       No tenderness       -       0         -       Pain on deep pressure with wincing of face       -       1         -       Pain on deep pressure with wincing of face and       -       2         -       Pain on deep pressure with wincing of face and       -       3         Withdraws the affected part       -       3       -         -       Does not allow to touch the affected part       -       4         5.       AkunchanaPrasaranayohVedana (pain on flexion       -       1         and extension of the joint)       -       0       -         -       No pain       -       0       -         -       Pain without winching of face       -       1         -       Pain with winching of face       -       1         -       Pain with winching of face       -       1         -</td> <td></td> <td>- 3</td> <td></td> <td></td>	-No Stiffness       -       0         -Mild Stiffness       -       1         -Moderate Stiffness       -       2         -Severe difficulty due to Stiffness       -       3         -Severe Stiffness more than 10 minutes       -       4         4.       Sparsha-Asahyata[Tenderness]       -       0         -       No tenderness       -       0         -       Pain on deep pressure with wincing of face       -       1         -       Pain on deep pressure with wincing of face and       -       2         -       Pain on deep pressure with wincing of face and       -       3         Withdraws the affected part       -       3       -         -       Does not allow to touch the affected part       -       4         5.       AkunchanaPrasaranayohVedana (pain on flexion       -       1         and extension of the joint)       -       0       -         -       No pain       -       0       -         -       Pain without winching of face       -       1         -       Pain with winching of face       -       1         -       Pain with winching of face       -       1         -		- 3		
- Mild Stiffness       -       1         -Moderate Stiffness       -       2         -Severe difficulty due to Stiffness       -       3         -Severe Stiffness more than 10 minutes       -       4         4. Sparsha-Asahyata(Tenderness)       -       0         - No tenderness       -       0         - Pain on deep pressure with wincing of face       -       1         - Pain on deep pressure with wincing of face       -       2         - Pain on deep pressure with wincing of face and       -       3         Withdraws the affected part       -       4         5. AkunchanaPrasaranayohVedana(pain on flexion       -       3         and extension of the joint)       -       0         - No pain       -       0         - Pain with winching of face       -       1         - Pain without winching of face       -       1         - Pain with winching of face       -       2         - Shouts & prevents complete flexion       -       3         - Does not allow passive movement       -       4         6. Sandhisphutana (Crepitus)       -       0         - No Crepitation       -       0         - Palpable Crepitation during each </td <td>- Mild Stiffness       -       1         -Moderate Stiffness       -       2         -Severe difficulty due to Stiffness       -       3         -Severe Stiffness more than 10 minutes       -       4         4. Sparsha-Asahyata(Tenderness)       -       0         - No tenderness       -       0         - Pain on deep pressure without wincing of face       -       1         - Pain on deep pressure with wincing of face and       -       2         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranayohVedana(pain on flexion       -       1         and extension of the joint)       -       0         - No pain       -       0       -         - No pain       -       0       -         - No pain without winching of face       -       1       -         - Pain with winching of face       -       1       -         - Pain with winching of face       -       1       -         - Pain with winching of face       -       1       -         - No pain       -       0       -       1         - Pain with winching of face<td></td><td></td><td></td><td></td></td>	- Mild Stiffness       -       1         -Moderate Stiffness       -       2         -Severe difficulty due to Stiffness       -       3         -Severe Stiffness more than 10 minutes       -       4         4. Sparsha-Asahyata(Tenderness)       -       0         - No tenderness       -       0         - Pain on deep pressure without wincing of face       -       1         - Pain on deep pressure with wincing of face and       -       2         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranayohVedana(pain on flexion       -       1         and extension of the joint)       -       0         - No pain       -       0       -         - No pain       -       0       -         - No pain without winching of face       -       1       -         - Pain with winching of face       -       1       -         - Pain with winching of face       -       1       -         - Pain with winching of face       -       1       -         - No pain       -       0       -       1         - Pain with winching of face <td></td> <td></td> <td></td> <td></td>				
-Moderate Stiffness       -       2         -Severe difficulty due to Stiffness       -       3         -Severe Stiffness more than 10 minutes       -       4         4. Sparsha-Asahyata(Tenderness)       -       0         - No tenderness       -       0         - Pain on deep pressure without wincing of face       -       1         - Pain on light pressure with wincing of face       -       2         - Pain on deep pressure with wincing of face and       -       2         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranayohVedana(pain on flexion       -       1         - No pain       -       0       -         - No pain       -       0       -         - No pain       -       0       -         - Does not allow passive movement       -       4       -         - Does not allow passive movement       -       4       -         - Shouts & prevents complete flexion       -       0       -         - Palpable Crepitation of any one of time during       -       0       -         - repeated examination       -       1       -	-Moderate Stiffness       -       2         -Severe difficulty due to Stiffness       -       3         -Severe Stiffness more than 10 minutes       -       4         4. Sparsha-Asahyata(Tenderness)       -       4         -       No tenderness       -       0         -       Pain on deep pressure with wincing of face       -       1         -       Pain on deep pressure with wincing of face       -       2         -       Pain on deep pressure with wincing of face and       -       2         Withdraws the affected part       -       3       -         -       Does not allow to touch the affected part       -       4         5.       AkunchanaPrasaranayohVedana(pain on flexion       -       1         and extension of the joint)       -       0       -         -       No pain       -       0       -         -       Pain with winching of face       -       1       -         -       Pain with winching of face       -       2       -         -       Shouts & prevents complete flexion       -       3       -         -       Does not allow passive movement       -       4       6       Sandhisphutana (Crepitus)<		-		
-Severe difficulty due to Stiffness       3         -Severe Stiffness more than 10 minutes       4         4. Sparsha-Asahyata(Tenderness)       -         - No tenderness       -       0         - Pain on deep pressure without wincing of face       -       1         - Pain on deep pressure with wincing of face       -       1         - Pain on deep pressure with wincing of face and       -       2         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranayohVedana(pain on flexion       -       0         and extension of the joint)       -       0         - No pain       -       0         - Pain without winching of face       -       1         - Pain with winching of face       -       1         - Pain with winching of face       -       1         - Does not allow passive movement       -       4         6. Sandhisphutana (Crepitus)       -       0         - No Crepitation       -       0         - Palpable Crepitation of any one of time during       -       1         - Palpable Crepitation       -       3         - Readhisphutana (Shuta       - </td <td>-Severe difficulty due to Stiffness       -       3         -Severe Stiffness more than 10 minutes       -       4         4. Sparsha-Asa hyata(Tenderness)       -       0         - No tenderness       -       0         - Pain on deep pressure without wincing of face       -       1         - Pain on deep pressure with wincing of face       -       2         - Pain on ligth pressure with wincing of face and       -       2         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranayohVedana(pain on flexion       -       0         and extension of the joint)       -       0         - No pain       -       0       -         - Pain without winching of face       -       1         - Pain with winching of face       -       2         - Shouts &amp; prevents complete flexion       -       3         - Does not allow passive movement       -       4         6. Sandhisphutana (Crepitus)       -       0         - No Crepitation       -       0         - Palpable Crepitation of any one of time during       -       1         - repeated examination       -</td> <td></td> <td></td> <td></td> <td></td>	-Severe difficulty due to Stiffness       -       3         -Severe Stiffness more than 10 minutes       -       4         4. Sparsha-Asa hyata(Tenderness)       -       0         - No tenderness       -       0         - Pain on deep pressure without wincing of face       -       1         - Pain on deep pressure with wincing of face       -       2         - Pain on ligth pressure with wincing of face and       -       2         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranayohVedana(pain on flexion       -       0         and extension of the joint)       -       0         - No pain       -       0       -         - Pain without winching of face       -       1         - Pain with winching of face       -       2         - Shouts & prevents complete flexion       -       3         - Does not allow passive movement       -       4         6. Sandhisphutana (Crepitus)       -       0         - No Crepitation       -       0         - Palpable Crepitation of any one of time during       -       1         - repeated examination       -				
-Severe Stiffness more than 10 minutes       -       4         4. Sparsha-Asahyata(Tenderness)       -       0         - No tenderness       -       0         - Pain on deep pressure without wincing of face       -       1         - Pain on light pressure with wincing of face       -       2         - Pain on light pressure with wincing of face and       -       3         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranayohVedana(pain on flexion       -       0         and extension of the joint)       -       0         - No pain       -       0         - No pain       -       0         - Pain with winching of face       -       1         - Pain with winching of face       -       2         - Shouts & prevents complete flexion       -       3         - Does not allow passive movement       -       4         6. Sandhisphutana (Crepitus)       -       0         - No Crepitation       -       0         - Palpable Crepitation of any one of time during       -       1         - repeated examination       -       1         - examinat	-Severe Stiffness more than 10 minutes       -       4         4. Spar sha-Asa hyata(Tenderness)       -       0         - No tenderness       -       0         - Pain on deep pressure without wincing of face       -       1         - Pain on deep pressure with wincing of face       -       2         - Pain on deep pressure with wincing of face and       -       2         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranayoh Vedana( pain on flexion       -       4         and extension of the joint)       -       0         - No pain       -       0       -         - No pain       -       0       -         - Shouts & prevents complete flexion       -       3         - Does not allow passive movement       -       4         6. Sandhisphutana (Crepitus)       -       0         - Repated examination       -       1         - Palpable Crepitation of any one of time during       -       2         - Audible crepitation during each       -       3         - repeated examination       -       1         - Palpable Crepitation       -       3				
4. Sparsha-Asahyata(Tenderness)       -       0         - No tenderness       -       0         - Pain on deep pressure with wincing of face       -       1         - Pain on lept pressure with wincing of face       -       2         - Pain on lept pressure with wincing of face and       -       2         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranayolVedana(pain on flexion       -       4         and extension of the joint)       -       0         - No pain       -       0         - Pain without winching of face       -       1         - Pain without winching of face       -       1         - Pain with winching of face       -       2         - Shouts & prevents complete flexion       -       3         - Does not allow passive movement       -       4         6. Sandhisphutana (Crepitus)       -       0         - Ralpable Crepitation of any one of time during       -       1         - Palpable Crepitation during each       -       1         - examination       -       2         - Audible crepitation during each       -       3      <	4. Sparsha-Asa hyata(Tenderness)       -       0         - No tenderness       -       0         - Pain on deep pressure without wincing of face       -       1         - Pain on deep pressure with wincing of face       -       2         - Pain on light pressure with wincing of face and       -       2         Withdraws the affected part       -       3         - Does not allow to touch the affected part       -       4         5. AkunchanaPrasaranayohVedana (pain on flexion       -       4         and extension of the joint)       -       0         - No pain       -       0         - No pain       -       0         - Pain without winching of face       -       1         - Pain with winching of face       -       1         - Pain with winching of face       -       2         - Shouts & prevents complete flexion       -       3         - Does not allow passive movement       -       4         6. Sandhisphutana (Crepitus)       -       0         - No Crepitation       -       1         - Palpable Crepitation of any one of time during       -       1         - Palpable Crepitation during each       -       2         - Au				
-       No tenderness       -       0         -       Pain on deep pressure with wincing of face       -       1         -       Pain on deep pressure with wincing of face       -       2         -       Pain on deep pressure with wincing of face       -       2         -       Pain on deep pressure with wincing of face and       -       2         -       Pain on deep pressure with wincing of face and       -       2         -       Poes not allow to touch the affected part       -       4         5.       AkunchanaPrasaranayohVedana(pain on flexion       -       4         6.       Sandhisphutana (pain on flexion       -       0         -       Pain with winching of face       -       1         -       No pain       -       0         -       Pain with winching of face       -       1         -       Pain with winching of face       -       2         -       Shouts & prevents complete flexion       -       3         -       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       0         -       No Crepitation of any one of time during       -       1	-       No tendemess       -       0         -       Pain on deep pressure with out wincing of face       -       1         -       Pain on deep pressure with wincing of face       -       2         -       Pain on ligth pressure with wincing of face and       -       2         Withdraws the affected part       -       3       -         -       Does not allow to touch the affected part       -       4         5.       AkunchanaPrasaranayohVedana (pain on flexion       -       4         6.       Sanding the joint)       -       0         -       No pain       -       0         -       Pain without winching of face       -       1         -       Pain with winching of face       -       2         -       Shouts & prevents complete flexion       -       3         -       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       1         -       No Crepitation of any one of time during       -       1         -       Palpable Crepitation of any one of time during       -       2         -       Reamination       -       1         -       Palpabl		- 4		
-       Pain on deep pressure without wincing of face       -       1         -       Pain on deep pressure with wincing of face       -       2         -       Pain on ligth pressure with wincing of face and         Withdraws the affected part       -       3         -       Does not allow to touch the affected part       -       4         5.       AkunchanaPrasaranayohVedana(pain on flexion       -       0         and extension of the joint)       -       0         -       No pain       -       0         -       Pain without winching of face       -       1         -       Pain with winching of face       -       1         -       Pain with winching of face       -       2         -       Shouts & prevents complete flexion       -       3         -       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       0         -       No Crepitation of any one of time during       -       1         -       Palpable Crepitation during each       -       1         -       Palpable Crepitation during each       -       3         -       No Shrama asahyata       -       <	-       Pain on deep pressure without wincing of face       -       1         -       Pain on ligth pressure with wincing of face and         Withdraws the affected part       -       3         -       Does not allow to touch the affected part       -       4         5.       AkunchanaPrasaranayohVedana(pain on flexion       -       4         and extension of the joint)       -       0         -       No pain       -       0         -       Pain without winching of face       -       1         -       No pain       -       0         -       Pain without winching of face       -       1         -       Pain with winching of face       -       1         -       Pain with winching of face       -       2         -       Shouts & prevents complete flexion       -       3         -       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       0         -       No Crepitation       -       1         -       Palpable Crepitation of any one of time during       -       1         -       Palpable Crepitation during each       -       2         <				
-       Pain on deep pressure with wincing of face       -       2         -       Pain on ligth pressure with wincing of face and         Withdraws the affected part       -       3         -       Does not allow to touch the affected part       -       4         5.       AkunchanaPrasaranayohVedana(pain on flexion       -       4         and extension of the joint)       -       0         -       No pain       -       0         -       Pain without winching of face       -       1         -       Pain with winching of face       -       2         -       Shouts & prevents complete flexion       -       3         -       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       0         -       No Crepitation       -       0         -       Palpable Crepitation of any one of time during       -       1         -       Palpable Crepitation during each       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta:       -       0         -       Moderate Shrama asahyata       -       1         - </td <td>-       Pain on deep pressure with wincing of face       -       2         -       Pain on ligth pressure with wincing of face and         Withdraws the affected part       -       3         -       Does not allow to touch the affected part       -       4         5.       AkunchanaPrasaranayohVedana(pain on flexion       -       4         and extension of the joint)       -       0         -       No pain       -       0         -       Pain without winching of face       -       1         -       Pain with winching of face       -       2         -       Shouts &amp; prevents complete flexion       -       3         -       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       0         -       No Crepitation of any one of time during       -       1         -       Palpable Crepitation of uring each       -       1         -       Palpable Crepitation during each       -       3         -       Palpable Crepitation       -       3         7.       Shrama asahyata       -       1         -       No Shrama asahyata       -       1</td> <td></td> <td></td> <td>_</td> <td></td>	-       Pain on deep pressure with wincing of face       -       2         -       Pain on ligth pressure with wincing of face and         Withdraws the affected part       -       3         -       Does not allow to touch the affected part       -       4         5.       AkunchanaPrasaranayohVedana(pain on flexion       -       4         and extension of the joint)       -       0         -       No pain       -       0         -       Pain without winching of face       -       1         -       Pain with winching of face       -       2         -       Shouts & prevents complete flexion       -       3         -       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       0         -       No Crepitation of any one of time during       -       1         -       Palpable Crepitation of uring each       -       1         -       Palpable Crepitation during each       -       3         -       Palpable Crepitation       -       3         7.       Shrama asahyata       -       1         -       No Shrama asahyata       -       1			_	
-       Pain on ligth pressure with wincing of face and         Withdraws the affected part       -       3         -       Does not allow to touch the affected part       -       4         5.       AkunchanaPrasaranayohVedana (pain on flexion         and extension of the joint)       -       4         -       No pain       -       0         -       Pain without winching of face       -       1         -       Pain with winching of face       -       2         -       Shouts & prevents complete flexion       -       3         -       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       0         -       No Crepitation of any one of time during       -       1         -       Palpable Crepitation during each       -       1         -       Palpable Crepitation during each       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta       -       0         -       No Shrama asahyata       -       1         -       Moderate Shrama asahyata       -       3         7.       Shrama asahyata	-       Pain on light pressure with wincing of face and         Withdraws the affected part       -       3         -       Does not allow to touch the affected part       -       4         5.       AkunchanaPrasaranayohVedana(pain on flexion       -       4         6.       Sandhisphutan since       -       0         -       Pain with winching of face       -       2         -       Shouts & prevents complete flexion       -       3         -       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       0         -       No Crepitation       -       1         -       Palpable Crepitation of any one of time during       -       1         -       Palpable Crepitation during each       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta:       -       0         -       No Shrama asahyata <t< td=""><td></td><td>-</td><td></td><td></td></t<>		-		
Withdraws the affected part-3-Does not allow to touch the affected part-45.AkunchanaPrasaranayohVedana(pain on flexionand extension of the joint)-No painNo painPain without winching of facePain with winching of faceShouts & prevents complete flexionDoes not allow passive movementDoes not allow passive movementNo Crepitation of any one of time during-repeated examinationPalpable Crepitation during each-examinationNo Shrama asahyataNo Shrama asahyataMild Shrama asahyataSevere Shrama asahyataPresence of symptoms before treatmentPresence of symptoms after treatmentAbsence of symptoms after treatment-	Withdraws the affected part-3-Does not allow to touch the affected part-45.AkunchanaPrasaranayohVedana(pain on flexion-4and extension of the joint)-0-No pain-0-Pain without winching of face-1-Pain with out winching of face-2-Shouts & prevents complete flexion-3-Does not allow passive movement-46.Sandhisphutana (Crepitus)-0-No Crepitation of any one of time during-0-Palpable Crepitation of any one of time during-1-Palpable Crepitation during each-2-Audible crepitation during each-3-No Shrama asahyata-0-Moderate Shrama asahyata-1-Moderate Shrama asahyata-2-Moderate Shrama asahyata-2-Shouta asahyata-2-Presence of symptoms before treatment-2		-	2	
-       Does not allow to touch the affected part       -       4         5.       AkunchanaPrasaranayohVedana(pain on flexion         and extension of the joint)       -       0         -       No pain       -       0         -       Pain without winching of face       -       1         -       Pain with winching of face       -       2         -       Shouts & prevents complete flexion       -       3         -       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       0         -       No Crepitation of any one of time during       -       0         -       Palpable Crepitation during each       -       1         -       Palpable Crepitation during each       -       2         -       Audible crepitation       -       3         7.       Shrama Asalnyta:       -       0         -       Mild Shrama asahyata       -       1         -       Moderate Shrama asahyata       -       3         8.       Dosha and Dushya score       -       2         -       Presence of symptoms before treatment       -       2         -	-       Does not allow to touch the affected part       -       4         5.       AkunchanaPrasaranayohVedana(pain on flexion         and extension of the joint)       -       0         -       No pain       -       0         -       Pain without winching of face       -       1         -       Pain with winching of face       -       2         -       Shouts & prevents complete flexion       -       3         -       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       0         -       No Crepitation of any one of time during       -       0         -       Palpable Crepitation during each       -       1         -       Palpable Crepitation during each       -       3         -       examination       -       1         -       Palpable Crepitation       -       3         7.       Shrama Asahyta:       -       0         -       No Shrama asahyata       -       1         -       Moderate Shrama asahyata       -       1         -       Moderate Shrama asahyata       -       3         8.       Dosha and Dushya s				
5.       AkunchanaPrasaranayohVedana ( pain on flexion         and extension of the joint)       -         -       No pain       -         -       Pain without winching of face       -         -       Pain with winching of face       -         -       Pain with winching of face       -       2         -       Shouts & prevents complete flexion       -       3         -       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       0         -       No Crepitation       -       0         -       Palpable Crepitation of any one of time during       -       1         -       Palpable Crepitation during each       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta:       -       0         -       No Shrama asahyata       -       1         -       Moderate Shrama asahyata       -       2         -       Severe Shrama asahyata       -       3         8.       Dosha and Dushya score       -       2         -       Presence of symptoms before treatment       -       2         <	5. AkunchanaPrasaranayohVedana ( pain on flexion         and extension of the joint)         - No pain       - 0         - Pain without winching of face       - 1         - Pain with winching of face       - 2         - Shouts & prevents complete flexion       - 3         - Does not allow passive movement       - 4         6. Sandhisphutana (Crepitus)       - 0         - No Crepitation of any one of time during       - 0         - Palpable Crepitation of any one of time during       - 1         - Palpable Crepitation during each       - 1         - examination       - 2         - Audible crepitation       - 3         7. Shrama Asahyta:       - 0         - No Shrama asahyata       - 1         - Moderate Shrama asahyata       - 1         - Moderate Shrama asahyata       - 3         8. Dosha and Dushya score       - 3         - Presence of symptoms before treatment       - 2	Withdraws the affected part		3	
and extension of the joint)-0-No pain-0-Pain without winching of face-1-Pain with winching of face-2-Shouts & prevents complete flexion-3-Does not allow passive movement-46.Sandhisphutana (Crepitus)-0-No Crepitation of any one of time during-0-Palpable Crepitation of any one of time during-1-Palpable Crepitation during each-1-Palpable Crepitation during each-3-No Shrama asahyata-0-No Shrama asahyata-0-Mild Shrama asahyata-1-Moderate Shrama asahyata-38.Dosha and Dushya score-3-Presence of symptoms before treatment-2-Improvement in symptoms after treatment-1-Absence of symptoms after treatment-0	and extension of the joint)-0-No pain-0-Pain without winching of face-1-Pain with winching of face-2-Shouts & prevents complete flexion-3-Does not allow passive movement-46.Sandhisphutana (Crepitus)-0-No Crepitation-0-Palpable Crepitation of any one of time during-1-Palpable Crepitation during each-1-Palpable Crepitation during each-3-Shrama Asahyta:-3-No Shrama asahyata-0-Mild Shrama asahyata-1-Moderate Shrama asahyata-2-Severe Shrama asahyata-38.Dosha and Dushya score-2-Presence of symptoms before treatment-2		-		
-       No pain       -       0         -       Pain without winching of face       -       1         -       Pain with winching of face       -       2         -       Shouts & prevents complete flexion       -       3         -       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       0         -       No Crepitation       -       0         -       Palpable Crepitation of any one of time during       -       0         -       repeated examination       -       1         -       Palpable Crepitation during each       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta:       -       0         -       No Shrama asahyata       -       1         -       Moderate Shrama asahyata       -       1         -       Severe Shrama asahyata       -       3         8.       Doshu and Dushya score       -       3         -       Presence of symptoms before treatment       -       1         -       Absence of symptoms after treatment       -       0	-No pain-0-Pain without winching of face-1-Pain with winching of face-2-Shouts & prevents complete flexion-3-Does not allow passive movement-46.Sandhisphutana (Crepitus)-0-No Crepitation-0-Palpable Crepitation of any one of time during-1-Palpable Crepitation during each-1-Palpable Crepitation during each-2-Audible crepitation-37.Shrama Asahyta:-0-No Shrama asahyata-0-Mild Shrama asahyata-1-Moderate Shrama asahyata-2-Severe Shrama asahyata-38.Dosha and Dushya score-2-Presence of symptoms before treatment-2	- Does not allow to touch the affected part	-		
-Pain without winching of face-1-Pain with winching of face-2-Shouts & prevents complete flexion-3-Does not allow passive movement-46.Sandhisphutana (Crepitus)-0-No Crepitation-0-Palpable Crepitation of any one of time during-1-Palpable Crepitation during each-1-Palpable Crepitation during each-2-Audible crepitation-37.Shrama Asahyta:-0-No Shrama asahyata-0-Mild Shrama asahyata-1-Moderate Shrama asahyata-2-Severe Shrama asahyata-38.Dosha and Dushya score-2-Improvement in symptoms after treatment-2-Absence of symptoms after treatment-0	-Pain without winching of face-1-Pain with winching of face-2-Shouts & prevents complete flexion-3-Does not allow passive movement-46.Sandhisphutana (Crepitus)-4-No Crepitation-0-Palpable Crepitation of any one of time during-1-repeated examination-1-Palpable Crepitation during each-2-Audible crepitation-2-Audible crepitation-37.Shrama Asahyta:-0-No Shrama asahyata-0-Mild Shrama asahyata-1-Moderate Shrama asahyata-2-Severe Shrama asahyata-38.Dosha and Dushya score-2-Presence of symptoms before treatment-2	<ul> <li>Does not allow to touch the affected part</li> <li><i>AkunchanaPrasaranayohVedana( pain on flexion</i></li> </ul>	-		
-       Pain with winching of face       -       2         -       Shouts & prevents complete flexion       -       3         -       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       0         -       No Crepitation       -       0         -       Palpable Crepitation of any one of time during       -       1         -       Palpable Crepitation during each       -       1         -       Palpable Crepitation       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta:       -       0         -       No Shrama asahyata       -       0         -       Moderate Shrama asahyata       -       2         -       Severe Shrama asahyata       -       3         8.       Dosha and Dushya score       -       1         -       Presence of symptoms before treatment       -       2         -       Improvement in symptoms after treatment       -       1	Pain with winching of face-2-Shouts & prevents complete flexion-3-Does not allow passive movement-46.Sandhisphutana (Crepitus)-0-No Crepitation-0-Palpable Crepitation of any one of time during-1-repeated examination-1-Palpable Crepitation during each-2-Audible crepitation-37.Shrama Asahyta:-3-No Shrama asahyata-0-Mild Shrama asahyata-1-Moderate Shrama asahyata-2-Severe Shrama asahyata-38.Dosha and Dushya score-2-Presence of symptoms before treatment-2	- Does not allow to touch the affected part 5. AkunchanaPrasaranayohVedana(pain on flexion and extension of the joint)	-	4	
-       Shouts & prevents complete flexion       -       3         -       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       0         -       No Crepitation       -       0         -       Palpable Crepitation of any one of time during       -       1         -       repeated examination       -       1         -       Palpable Crepitation during each       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta:       -       0         -       No Shrama asahyata       -       0         -       Moderate Shrama asahyata       -       1         -       Severe Shrama asahyata       -       3         8.       Dosha and Dushya score       -       2         -       Presence of symptoms before treatment       -       2         -       Improvement in symptoms after treatment       -       1         -       Absence of symptoms after treatment       -       0	-       Shouts & prevents complete flexion       -       3         -       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       0         -       No Crepitation       -       0         -       Palpable Crepitation of any one of time during       -       1         -       Palpable Crepitation during each       -       1         -       Palpable Crepitation during each       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta:       -       0         -       Mild Shrama asahyata       -       1         -       Moderate Shrama asahyata       -       2         -       Severe Shrama asahyata       -       3         8.       Dosha and Dushya score       -       3         -       Presence of symptoms before treatment       -       2	<ul> <li>Does not allow to touch the affected part</li> <li>5. AkunchanaPrasaranayohVedana(pain on flexion and extension of the joint)</li> <li>No pain</li> </ul>	-	4	
-       Does not allow passive movement       -       4         6.       Sandhisphutana (Crepitus)       -       0         -       No Crepitation       -       0         -       Palpable Crepitation of any one of time during       -       1         -       repeated examination       -       1         -       Palpable Crepitation during each       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta:       -       0         -       No Shrama a sahyata       -       0         -       Moderate Shrama asahyata       -       2         -       Severe Shrama asahyata       -       3         8.       Dosha and Dushya score       -       3         -       Presence of symptoms before treatment       -       2         -       Improvement in symptoms after treatment       -       1         -       Absence of symptoms after treatment       -       0	<ul> <li>Does not allow passive movement</li> <li>Sandhisphutana (Crepitus)</li> <li>No Crepitation</li> <li>Palpable Crepitation of any one of time during</li> <li>repeated examination</li> <li>Palpable Crepitation during each</li> <li>Palpable Crepitation</li> <li>Shrama Asahyta:</li> <li>No Shrama a sahyata</li> <li>Mide Shrama asahyata</li> <li>Moderate Shrama asahyata</li> <li>Severe Shrama asahyata</li> <li>Severe Shrama asahyata</li> <li>Sosha and Dushya score</li> <li>Presence of symptoms before treatment</li> </ul>	<ul> <li>Does not allow to touch the affected part</li> <li>5. AkunchanaPrasaranayohVedana(pain on flexion and extension of the joint)</li> <li>No pain</li> <li>Pain without winching of face</li> </ul>		4 0 1	
6. Sandhisphutana (Crepitus)         - No Crepitation       -       0         - Palpable Crepitation of any one of time during         - repeated examination       -       1         - Palpable Crepitation during each       -       1         - Palpable Crepitation during each       -       2         - Audible crepitation       -       3         7. Shrama Asahyta:       -       0         - No Shrama asahyata       -       0         - Mild Shrama asahyata       -       1         - Moderate Shrama asahyata       -       2         - Severe Shra ma asahyata       -       3         8. Dosha and Dushya score       -       2         - Improvement in symptoms after treatment       -       2         - Absence of symptoms after treatment       -       0	6. Sandhisphutana (Crepitus)         - No Crepitation       -       0         - Palpable Crepitation of any one of time during         - repeated examination       -       1         - Palpable Crepitation during each       -       1         - Palpable Crepitation during each       -       2         - Audible crepitation       -       3         7. Shrama Asahyta:       -       0         - No Shrama a sahyata       -       0         - Mild Shrama asahyata       -       1         - Severe Shrama asahyata       -       2         - Severe Shrama asahyata       -       3         8. Dosha and Dushya score       -       2         - Presence of symptoms before treatment       -       2	<ul> <li>Does not allow to touch the affected part</li> <li>5. AkunchanaPrasaranayohVedana(pain on flexion and extension of the joint)</li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> </ul>		4 0 1 2	
-       No Crepitation       -       0         -       Palpable Crepitation of any one of time during         -       repeated examination       -       1         -       Palpable Crepitation during each       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta:       -       0         -       No Shrama asahyata       -       0         -       Mild Shrama asahyata       -       1         -       Moderate Shrama asahyata       -       2         -       Severe Shrama asahyata       -       3         8.       Dosha and Dushya score       -       2         -       Presence of symptoms before treatment       -       2         -       Improvement in symptoms after treatment       -       1         -       Absence of symptoms after treatment       -       0	-No Crepitation-0-Palpable Crepitation of any one of time during-1-repeated examination-1-Palpable Crepitation during each-2-Audible crepitation-37.Shrama Asahyta:-3-No Shrama a sahya ta-0-Mild Shrama asahyata-1-Moderate Shrama asahyata-2-Severe Shrama asahyata-38.Dosha and Dushya score-2-Presence of symptoms before treatment-2	<ul> <li>Does not allow to touch the affected part</li> <li>5. AkunchanaPrasaranayohVedana(pain on flexion and extension of the joint)</li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> </ul>		4 0 1 2 3	
-       Palpable Crepitation of any one of time during         -       repeated examination       -       1         -       Palpable Crepitation during each       -       2         -       examination       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta:       -       0         -       No Shrama asahyata       -       0         -       Mild Shrama asahyata       -       1         -       Moderate Shrama asahyata       -       2         -       Severe Shrama asahyata       -       3         8.       Dosha and Dushya score       -       2         -       Presence of symptoms before treatment       -       2         -       Improvement in symptoms after treatment       -       1         -       Absence of symptoms after treatment       -       0	-       Palpable Crepitation of any one of time during         -       repeated examination       -       1         -       Palpable Crepitation during each       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta:       -       3         -       No Shrama asahyata       -       0         -       Mild Shrama asahyata       -       1         -       Moderate Shrama asahyata       -       2         -       Severe Shrama asahyata       -       2         -       Severe Shrama asahyata       -       3         8.       Dosha and Dushya score       -       3         -       Presence of symptoms before treatment       -       2	<ul> <li>Does not allow to touch the affected part</li> <li>5. AkunchanaPrasaranayohVedana(pain on flexion and extension of the joint)</li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> </ul>		4 0 1 2 3	
-       repeated examination       -       1         -       Palpable Crepitation during each       -       2         -       examination       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta:       -       3         -       No Shrama asahyata       -       0         -       Mild Shrama asahyata       -       1         -       Moderate Shrama asahyata       -       2         -       Severe Shrama asahyata       -       2         -       Severe Shrama asahyata       -       3         8.       Dosha and Dushya score       -       2         -       Improvement in symptoms before treatment       -       2         -       Improvement in symptoms after treatment       -       1         -       Absence of symptoms after treatment       -       0	-       repeated examination       -       1         -       Palpable Crepitation during each       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta:       -       3         -       No Shrama a sahyata       -       0         -       Mild Shrama asahyata       -       1         -       Moderate Shrama asahyata       -       2         -       Severe Shrama asahyata       -       2         -       Severe Shrama asahyata       -       3         8.       Dosha and Dushya score       -       3         -       Presence of symptoms before treatment       -       2	<ul> <li>Does not allow to touch the affected part</li> <li>5. AkunchanaPrasaranayohVedana(pain on flexion and extension of the joint)</li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> <li>6. Sandhisphutana (Crepitus)</li> </ul>		4 0 1 2 3 4	
-       Palpable Crepitation during each         -       examination       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta:       -       0         -       No Shrama asahyata       -       0         -       Mild Shrama asahyata       -       1         -       Moderate Shrama asahyata       -       2         -       Severe Shrama asahyata       -       2         -       Severe Shrama asahyata       -       3         8.       Dosha and Dushya score       -       3         -       Presence of symptoms before treatment       -       2         -       Improvement in symptoms after treatment       -       1         -       Absence of symptoms after treatment       -       0	Palpable Crepitation during each-examination-Audible crepitation-Audible crepitation37.Shrama Asahyta:-No Shrama asahyata-No Shrama asahyata-Mild Shrama asahyata-Moderate Shrama asahyata-Severe Shrama asahyata-Severe Shrama asahyata-38.Dosha and Dushya score-Presence of symptoms before treatment-2	<ul> <li>Does not allow to touch the affected part</li> <li>5. AkunchanaPrasaranayohVedana(pain on flexion and extension of the joint)</li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> <li>6. Sandhisphutana (Crepitus)</li> <li>No Crepitation</li> </ul>		4 0 1 2 3 4	
-       examination       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta:       -       3         -       No Shrama asahyata       -       0         -       Mild Shrama asahyata       -       1         -       Moderate Shrama asahyata       -       2         -       Severe Shrama asahyata       -       2         -       Severe Shrama asahyata       -       3         8.       Dosha and Dushya score       -       2         -       Presence of symptoms before treatment       -       2         -       Improvement in symptoms after treatment       -       1         -       Absence of symptoms after treatment       -       0	-       examination       -       2         -       Audible crepitation       -       3         7.       Shrama Asahyta:       -       3         -       No Shrama asahyata       -       0         -       Mild Shrama asahyata       -       1         -       Moderate Shrama asahyata       -       2         -       Severe Shrama asahyata       -       3         8.       Dosha and Dushya score       -       2         -       Presence of symptoms before treatment       -       2	<ul> <li>Does not allow to touch the affected part</li> <li><i>AkunchanaPrasaranayohVedana (pain on flexion and extension of the joint)</i></li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> <li><i>Sandhisphutana (Crepitus)</i></li> <li>No Crepitation</li> <li>Palpable Crepitation of any one of time during</li> </ul>		4 0 1 2 3 4 0	
- Audible crepitation       -       3         7. Shrama Asahyta:       -       0         - No Shrama asahyata       -       0         - Mild Shrama asahyata       -       1         - Moderate Shrama asahyata       -       2         - Severe Shrama asahyata       -       3         8. Dosha and Dushya score       -       2         - Improvement in symptoms before treatment       -       2         - Absence of symptoms after treatment       -       1	- Audible crepitation       - 3         7. Shrama Asahyta:       -         - No Shrama asahyata       -         - Mild Shrama asahyata       -         - Moderate Shrama asahyata       -         - Moderate Shrama asahyata       -         - Severe Shrama asahyata       -         - Severe Shrama asahyata       -         - Dosha and Dushya score       -         - Presence of symptoms before treatment       -       2	<ul> <li>Does not allow to touch the affected part</li> <li><i>AkunchanaPrasaranayohVedana( pain on flexion and extension of the joint)</i></li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> <li><i>Sandhisphutana (Crepitus)</i></li> <li>No Crepitation</li> <li>Palpable Crepitation of any one of time during</li> <li>repeated examination</li> </ul>		4 0 1 2 3 4 0	
7. Shrama Asahyta:         - No Shrama asahyata       -       0         - Mild Shrama asahyata       -       1         - Moderate Shrama asahyata       -       2         - Severe Shrama asahyata       -       3         8. Dosha and Dushya score       -       3         - Presence of symptoms before treatment       -       2         - Improvement in symptoms after treatment       -       1         - Absence of symptoms after treatment       -       0	7. Shrama Asahyta:         - No Shrama a sahyata       -       0         - Mild Shrama asahyata       -       1         - Moderate Shrama asahyata       -       2         - Severe Shrama asahyata       -       3         8. Dosha and Dushya score       -       2         - Presence of symptoms before treatment       -       2	<ul> <li>Does not allow to touch the affected part</li> <li><i>AkunchanaPrasaranayohVedana( pain on flexion and extension of the joint)</i></li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> <li><i>Sandhisphutana (Crepitus)</i></li> <li>No Crepitation</li> <li>Palpable Crepitation of any one of time during</li> <li>repeated examination</li> <li>Palpable Crepitation during each</li> </ul>		4 0 1 2 3 4 0 1	
- No Shrama asahyata       -       0         - Mild Shrama asahyata       -       1         - Moderate Shrama asahyata       -       2         - Severe Shrama asahyata       -       3         8. Dosha and Dushya score       -       2         - Presence of symptoms before treatment       -       2         - Improvement in symptoms after treatment       -       1         - Absence of symptoms after treatment       -       0	- No Shrama asahyata       -       0         - Mild Shrama asahyata       -       1         - Moderate Shrama asahyata       -       2         - Severe Shrama asahyata       -       3         8. Dosha and Dushya score       -       2         - Presence of symptoms before treatment       -       2	<ul> <li>Does not allow to touch the affected part</li> <li><i>AkunchanaPrasaranayohVedana( pain on flexion and extension of the joint)</i></li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> <li><i>Sandhisphutana (Crepitus)</i></li> <li>No Crepitation</li> <li>Palpable Crepitation of any one of time during</li> <li>repeated examination</li> <li>Palpable Crepitation during each</li> <li>examination</li> </ul>		4 0 1 2 3 4 0 1 2	
- Mild Shrama asahyata       -       1         - Moderate Shrama asahyata       -       2         - Severe Shrama asahyata       -       3         8. Dosha and Dushya score       -       3         - Presence of symptoms before treatment       -       2         - Improvement in symptoms after treatment       -       1         - Absence of symptoms after treatment       -       0	- Mild Shrama asahyata       -       1         - Moderate Shrama asahyata       -       2         - Severe Shrama asahyata       -       3         8. Dosha and Dushya score       -       2         - Presence of symptoms before treatment       -       2	<ul> <li>Does not allow to touch the affected part</li> <li><i>AkunchanaPrasaranayohVedana( pain on flexion and extension of the joint)</i></li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> <li><i>Sandhisphutana (Crepitus)</i></li> <li>No Crepitation</li> <li>Palpable Crepitation of any one of time during</li> <li>repeated examination</li> <li>Palpable Crepitation during each</li> <li>examination</li> <li>Audible crepitation</li> </ul>		4 0 1 2 3 4 0 1 2	
-       Moderate Shrama asahyata       -       2         -       Severe Shrama asahyata       -       3         8.       Dosha and Dushya score       -       2         -       Presence of symptoms before treatment       -       2         -       Improvement in symptoms after treatment       -       1         -       Absence of symptoms after treatment       -       0	- Moderate Shrama asahyata- 2- Severe Shrama asahyata- 38. Dosha and Dushya score- 2- Presence of symptoms before treatment- 2	<ul> <li>Does not allow to touch the affected part</li> <li><i>AkunchanaPrasaranayohVedana( pain on flexion and extension of the joint)</i></li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> <li><i>Sandhisphutana (Crepitus)</i></li> <li>No Crepitation</li> <li>Palpable Crepitation of any one of time during</li> <li>repeated examination</li> <li>Palpable Crepitation during each</li> <li>examination</li> <li>Audible crepitation</li> <li><i>Shrama Asahyta:</i></li> </ul>		4 0 1 2 3 4 0 1 2 3 3	
-       Severe Shrama asahyata       -       3         8.       Dosha and Dushya score       -       -         -       Presence of symptoms before treatment       -       2         -       Improvement in symptoms after treatment       -       1         -       Absence of symptoms after treatment       -       0	-Severe Shra ma asahyata-38.Dosha and Dushya score-Presence of symptoms before treatment-2	<ul> <li>Does not allow to touch the affected part</li> <li><i>AkunchanaPrasaranayohVedana( pain on flexion and extension of the joint)</i></li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> <li><i>Sandhisphutana (Crepitus)</i></li> <li>No Crepitation</li> <li>Palpable Crepitation of any one of time during</li> <li>repeated examination</li> <li>Palpable Crepitation during each</li> <li>examination</li> <li>Audible crepitation</li> <li>Shrama Asahyta:</li> <li>No Shrama a sahya ta</li> </ul>	-	$ \begin{array}{c}                                     $	
8. Dosha and Dushya score         - Presence of symptoms before treatment       -       2         - Improvement in symptoms after treatment       -       1         - Absence of symptoms after treatment       -       0	8. Dosha and Dushya score         - Presence of symptoms before treatment       -       2	<ul> <li>Does not allow to touch the affected part</li> <li>AkunchanaPrasaranayohVedana(pain on flexion and extension of the joint)</li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> <li>Sandhisphutana (Crepitus)</li> <li>No Crepitation</li> <li>Palpable Crepitation of any one of time during</li> <li>repeated examination</li> <li>Palpable Crepitation during each</li> <li>examination</li> <li>Audible crepitation</li> <li>Shrama Asahyta:</li> <li>No Shrama asahyata</li> <li>Mild Shrama asahyata</li> </ul>	-	$ \begin{array}{c}                                     $	
-       Presence of symptoms before treatment       -       2         -       Improvement in symptoms after treatment       -       1         -       Absence of symptoms after treatment       -       0	- Presence of symptoms before treatment - 2	<ul> <li>Does not allow to touch the affected part</li> <li><i>AkunchanaPrasaranayohVedana( pain on flexion and extension of the joint)</i></li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> <li><i>Sandhisphutana (Crepitus)</i></li> <li>No Crepitation</li> <li>Palpable Crepitation of any one of time during</li> <li>repeated examination</li> <li>Palpable Crepitation during each</li> <li>examination</li> <li>Audible crepitation</li> <li>No Shrama asahyata</li> <li>Moderate Shrama asahyata</li> </ul>	-	4 0 1 2 3 4 0 1 2 3 0 1 2 3	
- Improvement in symptoms after treatment     -     1       - Absence of symptoms after treatment     -     0		<ul> <li>Does not allow to touch the affected part</li> <li>5. AkunchanaPrasaranayohVedana(pain on flexion and extension of the joint)</li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> <li>6. Sandhisphutana (Crepitus)</li> <li>No Crepitation</li> <li>Palpable Crepitation of any one of time during</li> <li>repeated examination</li> <li>Palpable Crepitation during each</li> <li>examination</li> <li>Audible crepitation</li> <li>7. Shrama Asahyta:</li> <li>No Shrama a sahyata</li> <li>Moderate Shrama asahyata</li> <li>Severe Shrama asahyata</li> </ul>	-	4 0 1 2 3 4 0 1 2 3 0 1 2 3	
- Absence of symptoms after treatment - 0		<ul> <li>Does not allow to touch the affected part</li> <li>5. AkunchanaPrasaranayohVedana(pain on flexion and extension of the joint)</li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> <li>6. Sandhisphutana (Crepitus)</li> <li>No Crepitation</li> <li>Palpable Crepitation of any one of time during</li> <li>repeated examination</li> <li>Palpable Crepitation during each</li> <li>examination</li> <li>Audible crepitation</li> <li>7. Shrama Asahyta:</li> <li>No Shrama a sahyata</li> <li>Moderate Shrama asahyata</li> <li>Severe Shrama asahyata</li> </ul>	-	4 0 1 2 3 4 0 1 2 3 0 1 2 3	
		<ul> <li>Does not allow to touch the affected part</li> <li><i>AkunchanaPrasaranayohVedana( pain on flexion and extension of the joint)</i></li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> <li><i>Sandhisphutana (Crepitus)</i></li> <li>No Crepitation</li> <li>Palpable Crepitation of any one of time during</li> <li>repeated examination</li> <li>Palpable Crepitation during each</li> <li>examination</li> <li>Audible crepitation</li> <li><i>Shrama Asahyta</i>:</li> <li>No Shrama asahyata</li> <li>Moderate Shrama asahyata</li> <li>Severe Shrama asahyata</li> <li><i>Dosha and Dushya score</i></li> <li>Presence of symptoms before treatment</li> </ul>	-	4 0 1 2 3 4 0 1 2 3 0 1 2 3 2	
		<ul> <li>Does not allow to touch the affected part</li> <li>5. AkunchanaPrasaranayohVedana(pain on flexion and extension of the joint)</li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> <li>6. Sandhisphutana (Crepitus)</li> <li>No Crepitation</li> <li>Palpable Crepitation of any one of time during</li> <li>repeated examination</li> <li>Palpable Crepitation during each</li> <li>examination</li> <li>Audible crepitation</li> <li>7. Shrama Asahyta:</li> <li>No Shrama a sahyata</li> <li>Moderate Shrama asahyata</li> <li>Severe Shrama asahyata</li> <li>Bosha and Dushya score</li> <li>Presence of symptoms before treatment</li> </ul>	-	4 0 1 2 3 4 0 1 2 3 0 1 2 3 2	
- No change in symptoms after treatment - 2	- No change in symptoms after treatment - 2	<ul> <li>Does not allow to touch the affected part</li> <li><i>AkunchanaPrasaranayohVedana( pain on flexion and extension of the joint)</i></li> <li>No pain</li> <li>Pain without winching of face</li> <li>Pain with winching of face</li> <li>Shouts &amp; prevents complete flexion</li> <li>Does not allow passive movement</li> <li><i>Sandhisphutana (Crepitus)</i></li> <li>No Crepitation</li> <li>Palpable Crepitation of any one of time during</li> <li>repeated examination</li> <li>Palpable Crepitation during each</li> <li>examination</li> <li>Audible crepitation</li> <li><i>Shrama Asahyta:</i></li> <li>No Shrama a sahyata</li> <li>Moderate Shrama asahyata</li> <li><i>Sosha and Dushya score</i></li> <li>Presence of symptoms after treatment</li> <li>Absence of symptoms after treatment</li> </ul>		$ \begin{array}{c}       4 \\       0 \\       1 \\       2 \\       3 \\       4 \\       0 \\       1 \\       2 \\       3 \\       0 \\       1 \\       2 \\       3 \\       0 \\       1 \\       2 \\       3 \\       2 \\       1 \\       0 \\       1 \\       0 \\       1 \\       2 \\       3 \\       2 \\       1 \\       0 \\       1 \\       1 \\       0 \\       1 \\       1 \\       1 \\       0 \\       1 $	

The combination has predominantly madhura vipaka (33.33%) and ushna veerya (66.66%) which acts as vatashamaka. Thus owing to above properties both vitiated vata and kapha are subsided leading to relief in signs and symptoms.

Both Guduchyadi kwath and Rasnadi gugglu may act on vitiated kapha and meda which may be beneficial in obese patients of sandhigatavata.

Bala churna: In chronic vatavyadhis dhatuksya may be observed in patients. Rasayana chikitsa is described as aline of treatment in chronic stage of vatavyadhis.[10] Bala churna possess Rasayana, balya and vatashamaka properties. Bala contians madhura rasa, guru- snigdha -picchila guna and madhura vipaka which may probably work as inhibitor for pathogensis of kshayaja vata vikara as well as hetu pratyanik chikitsa of vatavikara. "BR" therapy provided 74.19% relief in pain and 77.14% relief in savedana akunchana prasarana pravritti because bala churna contains galic acid which has significant analgesic action (Baxi et al 1988-99). In the pathogensis of sandhigatavata, weakness of concerned groups of muscles are found. Bala provides bala (strength) to them due to its balya prabhava which may act in degenerative process of the disease.

## Conclusion

The study showed that highly signifcant relief was found in GR group- i.e combination of Guduchyadi kwath and rasnadi guggulu. It is observed that maximum patients registered in the study were obese having Medovardhaka ahara vihara sevana as predominant nidana. Pain was predominant symptom found in all the patients. It can be concluded that meodhara treatment is necessary with vaashamaka properties in managment of sandhigatavata produced due to avarana type of pathology while in Dhatukshayajanya sandhigatavata, rasayana and balya treatment may be useful in combination with vatashamaka properties. So, GR therapy was more beneficial in obese patients of sandhigatavata while BR therapy provided better relief in dhatukshayajanya sandhigatavata in compariosn to R therapy.

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